

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008613.D
 Acq On : 03 Apr 2019 12:39
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 04 04:12:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130745	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	54304	19.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.12%	
35) Dibromofluoromethane	5.50	113	39863	19.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.48%	
50) Toluene-d8	8.71	98	162781	19.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.46%	
62) 4-Bromofluorobenzene	11.13	95	57284	19.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	42412	18.858	ug/l	98
3) Chloromethane	1.32	50	59890	19.275	ug/l	99
4) Vinyl Chloride	1.40	62	56259	18.505	ug/l	99
5) Bromomethane	1.64	94	28518	17.588	ug/l	99
6) Chloroethane	1.72	64	37395	17.505	ug/l	98
7) Trichlorofluoromethane	1.93	101	62508	18.599	ug/l	99
8) Diethyl Ether	2.19	74	29598	18.571	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40821	18.866	ug/l	99
10) Methyl Iodide	2.51	142	25617	14.363	ug/l	99
11) Tert butyl alcohol	3.04	59	67252	100.803	ug/l	99
12) 1,1-Dichloroethene	2.37	96	42145	18.658	ug/l	99
13) Acrolein	2.29	56	31209	94.340	ug/l	99
14) Allyl chloride	2.73	41	96489	18.660	ug/l	99
15) Acrylonitrile	3.14	53	168953	95.592	ug/l	100
16) Acetone	2.44	43	155444	94.703	ug/l	98
17) Carbon Disulfide	2.57	76	125498	17.298	ug/l	98
18) Methyl Acetate	2.77	43	74508	18.717	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	153428	19.020	ug/l	98
20) Methylene Chloride	2.85	84	50613	18.422	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	44337	18.147	ug/l	96
22) Diisopropyl ether	3.85	45	187696	18.833	ug/l	91
23) Vinyl Acetate	3.81	43	839185	96.790	ug/l	99
24) 1,1-Dichloroethane	3.70	63	92831	18.813	ug/l	97
25) 2-Butanone	4.67	43	251323	96.877	ug/l	98
26) 2,2-Dichloropropane	4.59	77	63767	18.348	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	51888	18.472	ug/l	99
28) Bromochloromethane	5.01	49	45652	19.493	ug/l	99
29) Tetrahydrofuran	5.13	42	164939	95.791	ug/l	100
30) Chloroform	5.21	83	83040	18.841	ug/l	99
31) Cyclohexane	5.58	56	91357	18.554	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	65850	18.489	ug/l	99
36) 1,1-Dichloropropene	5.80	75	65565	18.509	ug/l	100
37) Ethyl Acetate	4.84	43	93235	19.718	ug/l	99
38) Carbon Tetrachloride	5.79	117	55399	18.895	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79916	18.262	ug/l	97
40) Benzene	6.14	78	200594	19.008	ug/l	99
41) Methacrylonitrile	5.04	41	51364	18.898	ug/l	98
42) 1,2-Dichloroethane	6.20	62	70928	18.748	ug/l	100
43) Isopropyl Acetate	6.45	43	141958	19.165	ug/l	100
44) Trichloroethene	7.21	130	45099	18.349	ug/l	98
45) 1,2-Dichloropropane	7.51	63	57481	19.083	ug/l	100
46) Dibromomethane	7.66	93	32104	18.377	ug/l	100
47) Bromodichloromethane	7.90	83	62325	18.921	ug/l	97
48) Methyl methacrylate	7.77	41	71444	19.068	ug/l	99
49) 1,4-Dioxane	7.74	88	28479	405.751	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	483118	101.322	ug/l	100
52) Toluene	8.79	92	119779	19.252	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	69780	18.912	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	78791	18.688	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	48705	19.502	ug/l	97
56) Ethyl methacrylate	9.18	69	89103	19.719	ug/l	100
57) 1,3-Dichloropropane	9.37	76	86269	19.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	224945	97.493	ug/l	100
59) 2-Hexanone	9.49	43	374252	100.998	ug/l	100
60) Dibromochloromethane	9.58	129	44583	18.944	ug/l	99
61) 1,2-Dibromoethane	9.67	107	49679	19.108	ug/l	98
64) Tetrachloroethene	9.34	164	38399	17.979	ug/l	95
65) Chlorobenzene	10.14	112	120020	18.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42082	18.772	ug/l	99
67) Ethyl Benzene	10.25	91	226599	19.017	ug/l	100
68) m/p-Xylenes	10.36	106	162915	38.027	ug/l	100
69) o-Xylene	10.70	106	79258	19.090	ug/l	100
70) Styrene	10.71	104	137009	19.144	ug/l	100
71) Bromoform	10.85	173	32354	18.897	ug/l	96
73) Isopropylbenzene	11.02	105	210539	19.431	ug/l	100
74) N-amyl acetate	10.90	43	125798	19.734	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	80380	19.506	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	93309	24.141	ug/l	82
77) Bromobenzene	11.26	156	50119	19.241	ug/l	100
78) n-propylbenzene	11.36	91	242700	19.237	ug/l	100
79) 2-Chlorotoluene	11.42	91	145943	19.116	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	177399	19.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23983	18.406	ug/l	93
82) 4-Chlorotoluene	11.51	91	164430	18.606	ug/l	99
83) tert-Butylbenzene	11.77	119	169813	19.406	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	178281	19.358	ug/l	100
85) sec-Butylbenzene	11.94	105	199486	19.193	ug/l	99
86) p-Isopropyltoluene	12.06	119	179375	19.228	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	86371	18.522	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	85967	18.206	ug/l	98
89) n-Butylbenzene	12.38	91	163683	18.709	ug/l	100
90) Hexachloroethane	12.60	117	29192	18.867	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	88008	19.008	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17759	19.591	ug/l	97

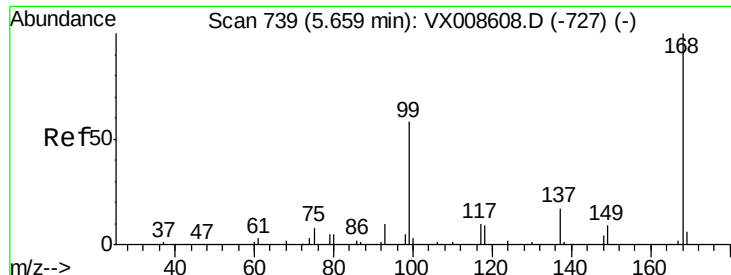
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040319\
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:04:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	59853	18.593	ug/l	99
94) Hexachlorobutadiene	13.78	225	29276	18.963	ug/l	98
95) Naphthalene	13.83	128	210837	19.596	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	61008	18.968	ug/l	99

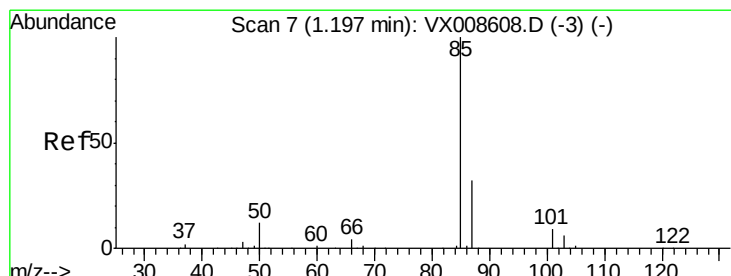
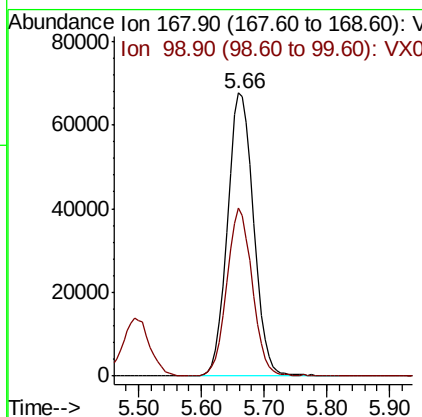
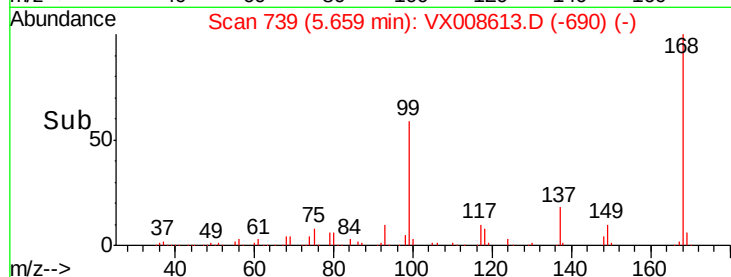
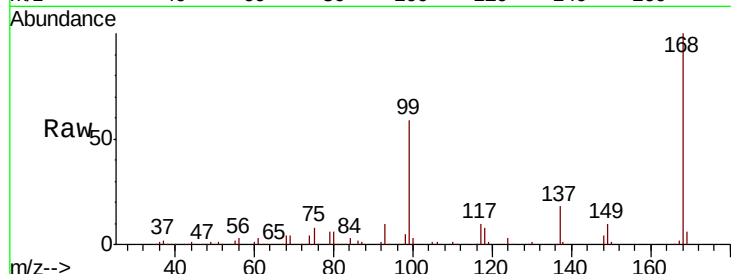
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

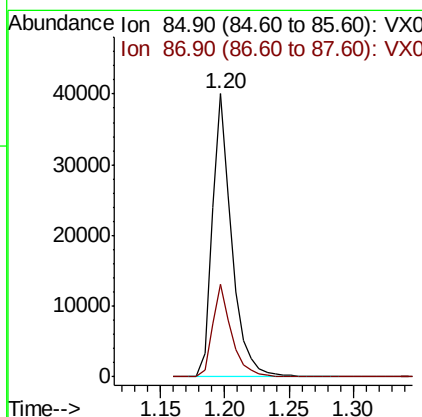
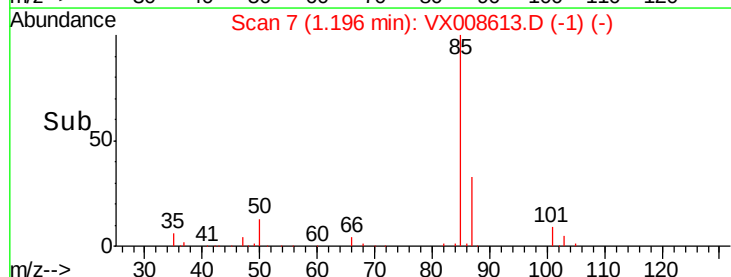
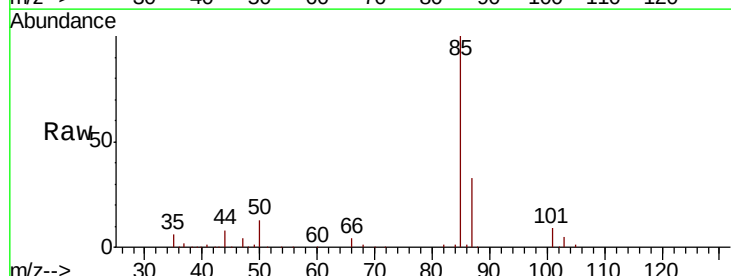
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

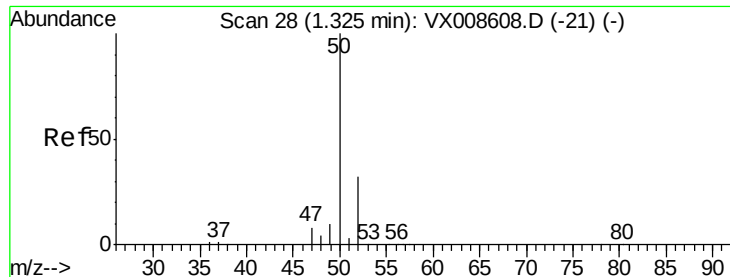
Tot Ion:168 Resp: 195382
Ion Ratio Lower Upper
168 100
99 59.4 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 18.858 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Tgt Ion: 85 Resp: 42412
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.3





#3

Chloromethane

Concen: 19.275 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

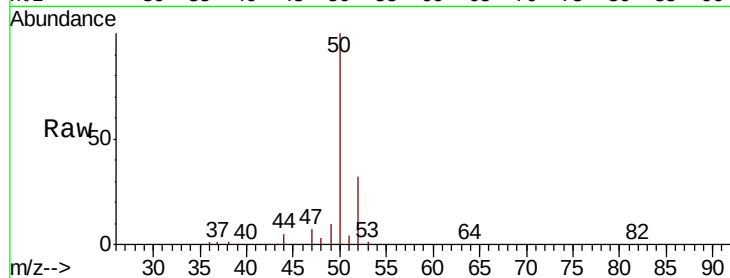
VSTDIC020

Tot Ion: 50 Resp: 59890

Ion Ratio Lower Upper

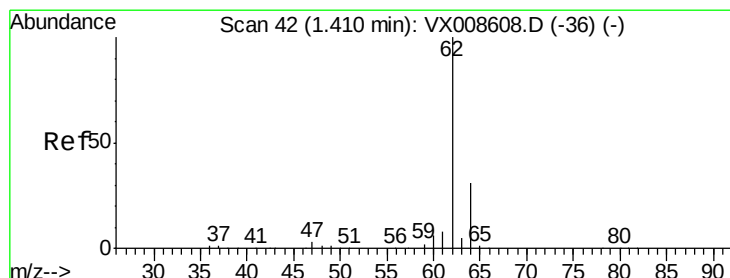
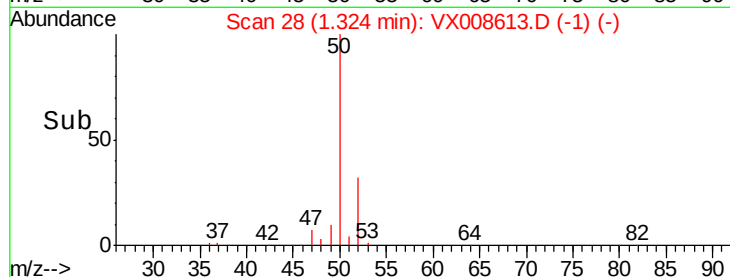
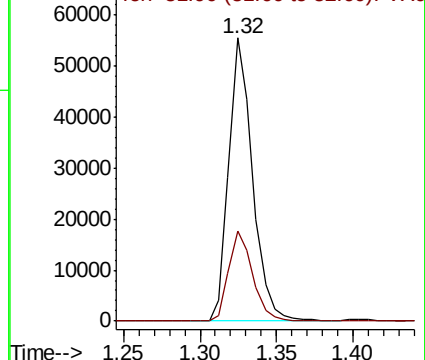
50 100

52 31.9 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.505 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008613.D

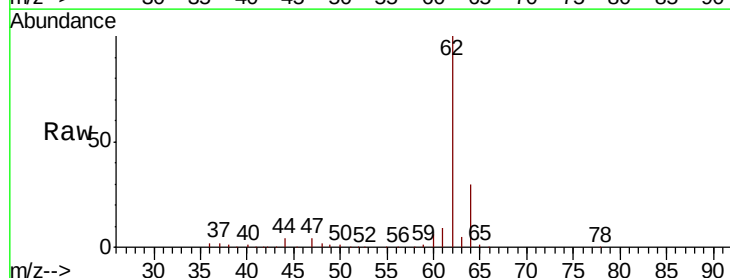
Acq: 03 Apr 2019 12:39

Tgt Ion: 62 Resp: 56259

Ion Ratio Lower Upper

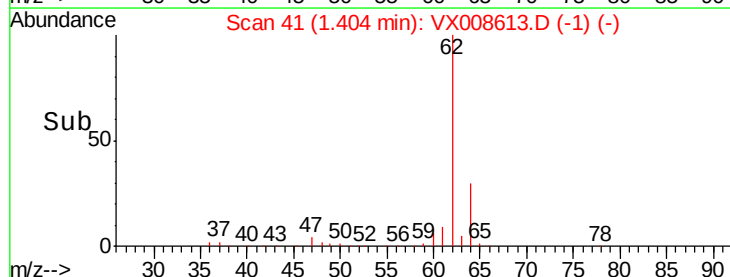
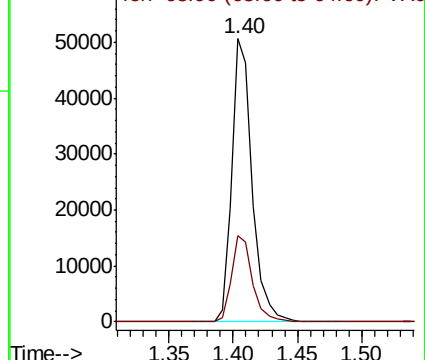
62 100

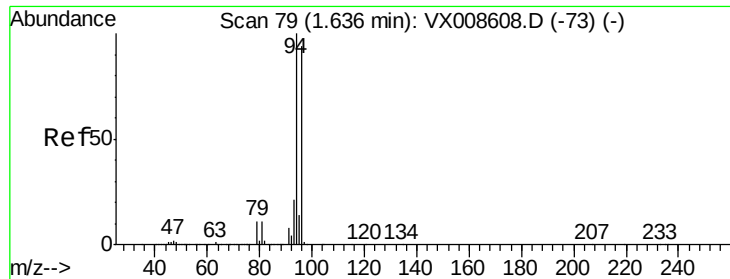
64 30.2 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.588 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

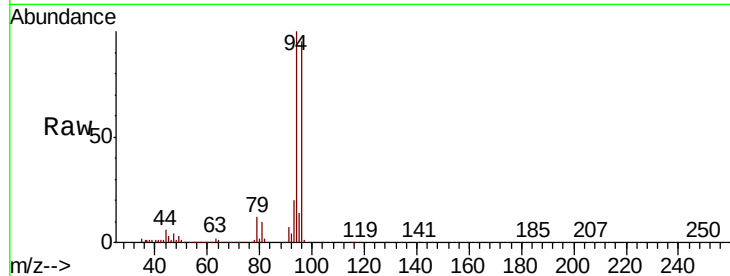
VSTDIC020

Tot Ion: 94 Resp: 28518

Ion Ratio Lower Upper

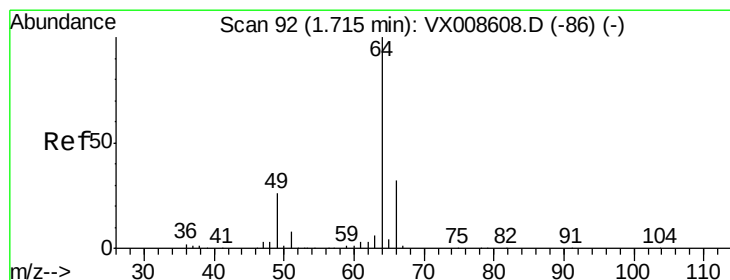
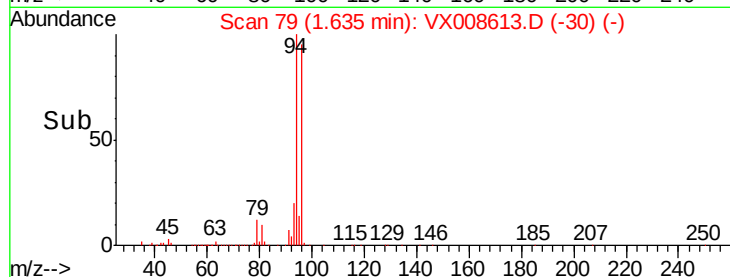
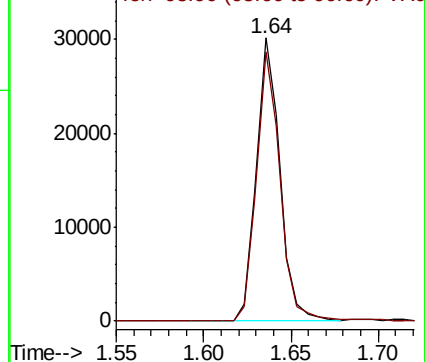
94 100

96 95.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.505 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008613.D

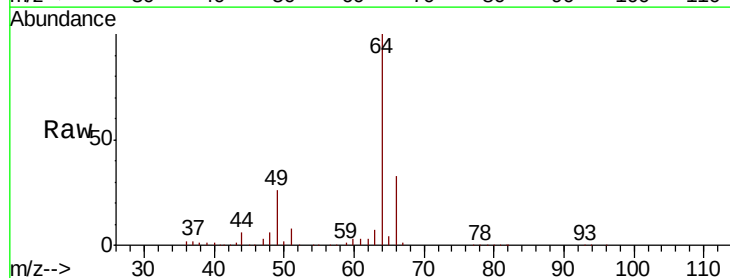
Acq: 03 Apr 2019 12:39

Tgt Ion: 64 Resp: 37395

Ion Ratio Lower Upper

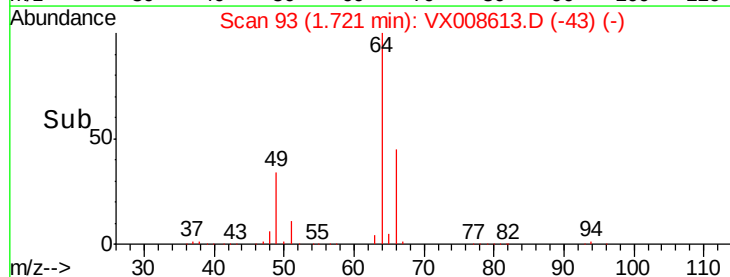
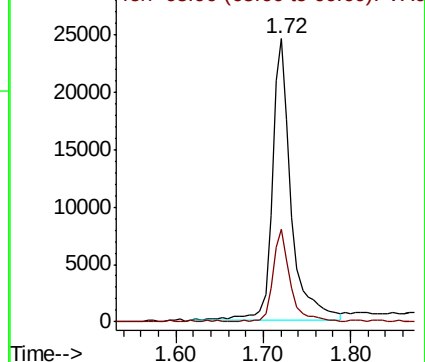
64 100

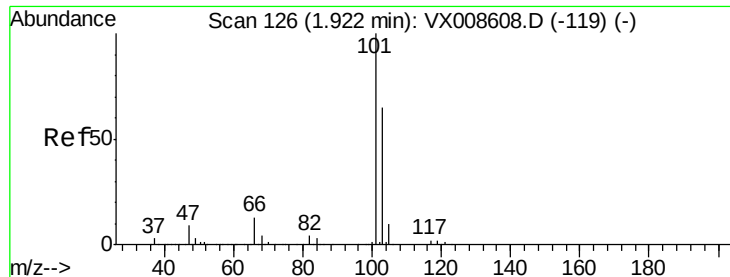
66 32.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



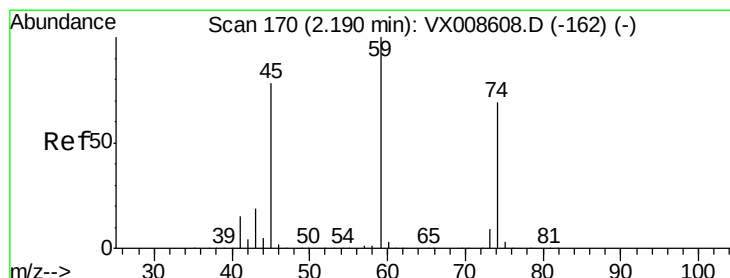
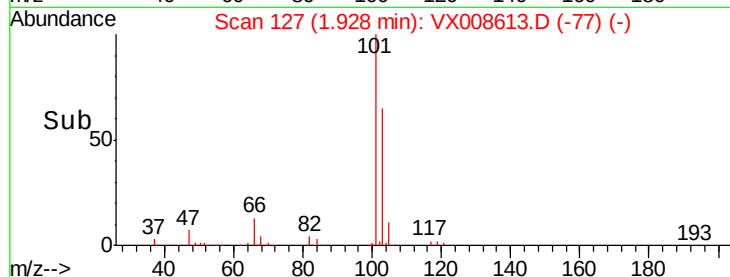
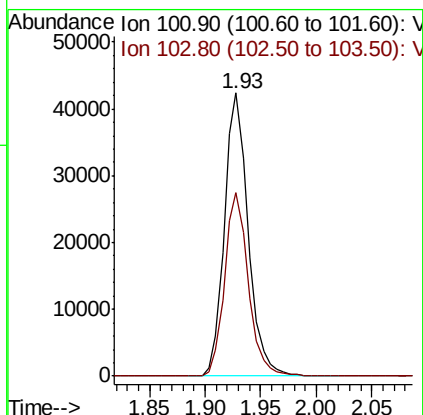
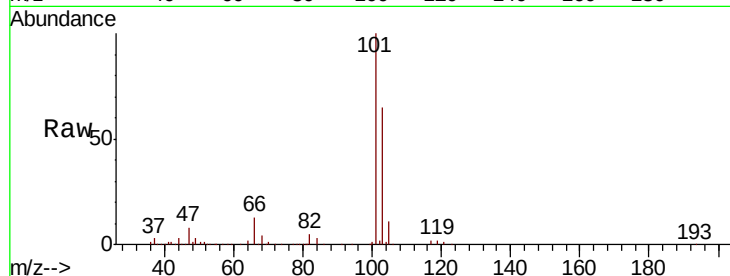


#7

Trichlorofluoromethane
 Concen: 18.599 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Instrument :
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 VSTDIC020

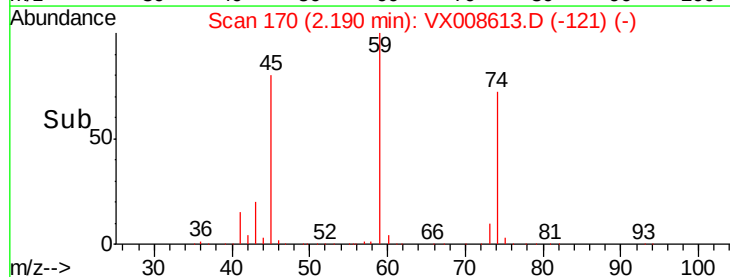
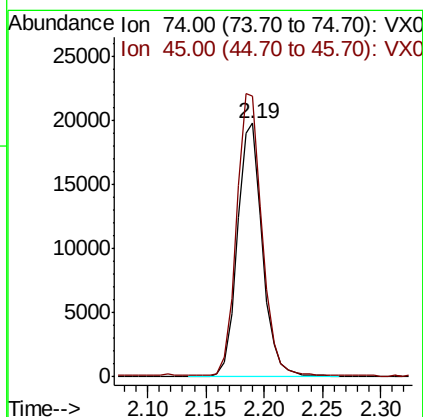
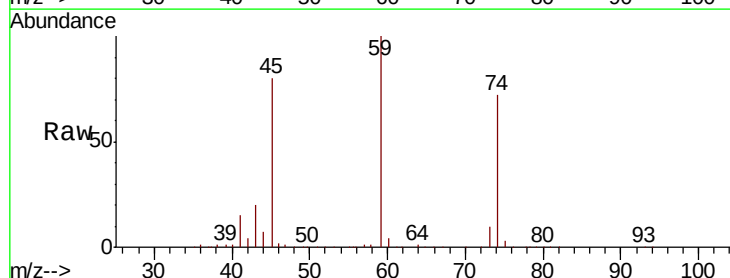
Tot Ion:101 Resp: 62508
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.3 78.5

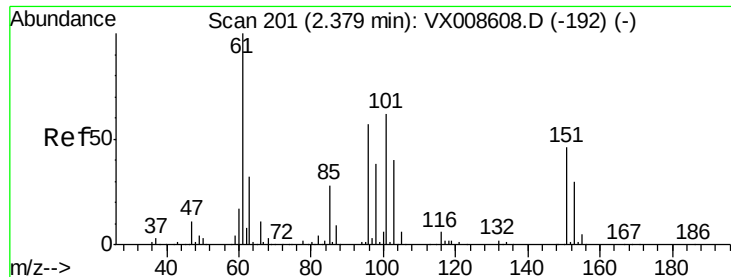


#8

Diethyl Ether
 Concen: 18.571 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion: 74 Resp: 29598
 Ion Ratio Lower Upper
 74 100
 45 112.3 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.866 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

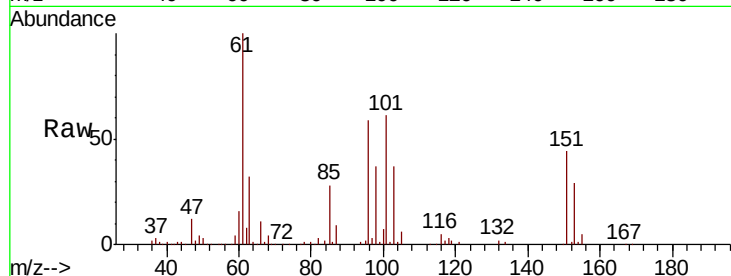
Tot Ion:101 Resp: 40821

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

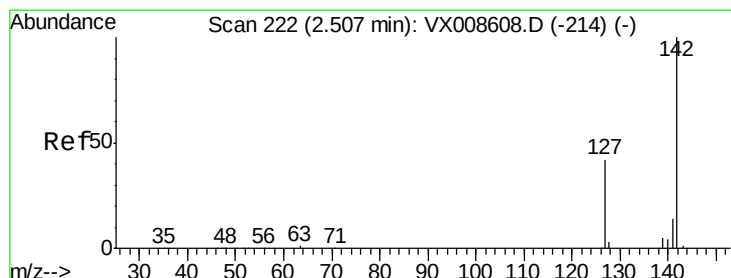
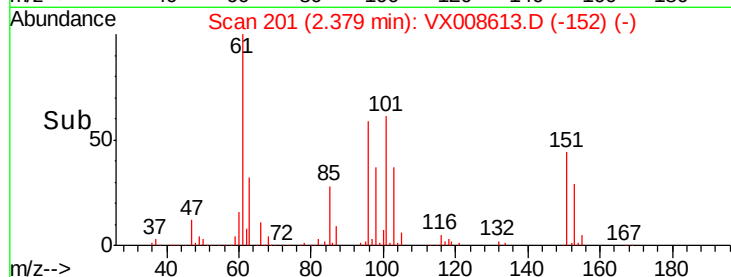
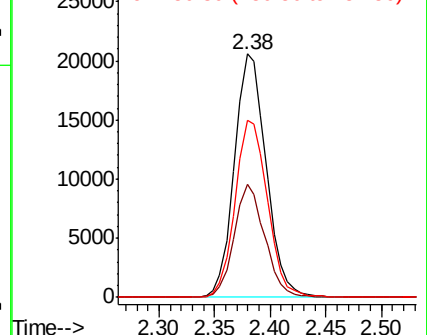
151 73.9 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.363 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

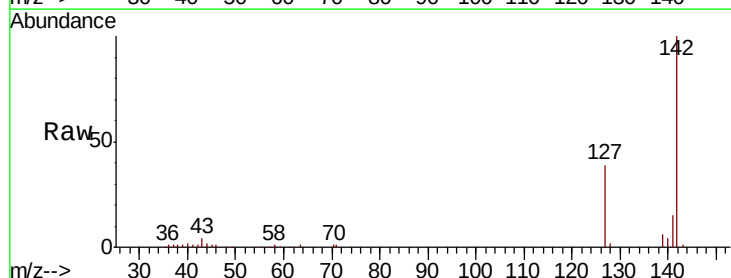
Tgt Ion:142 Resp: 25617

Ion Ratio Lower Upper

142 100

127 40.8 33.0 49.6

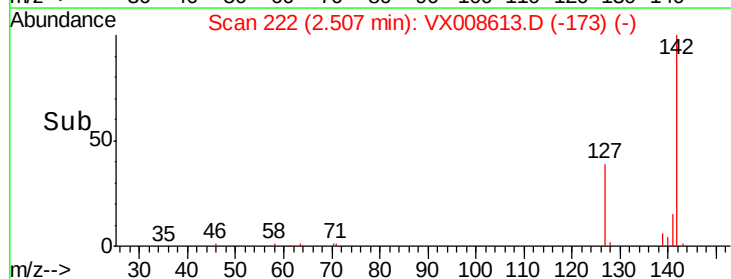
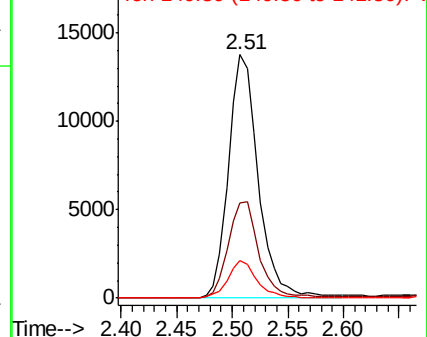
141 14.8 11.4 17.2

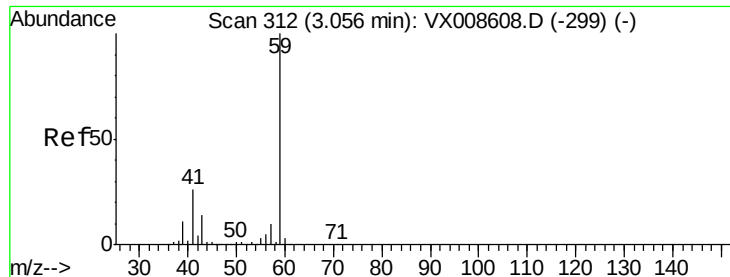


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



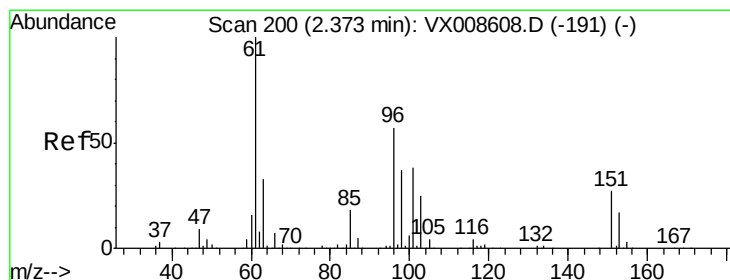
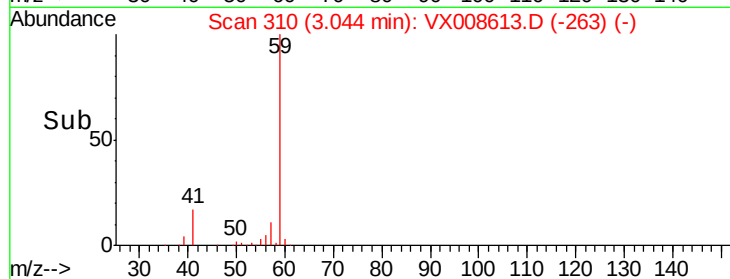
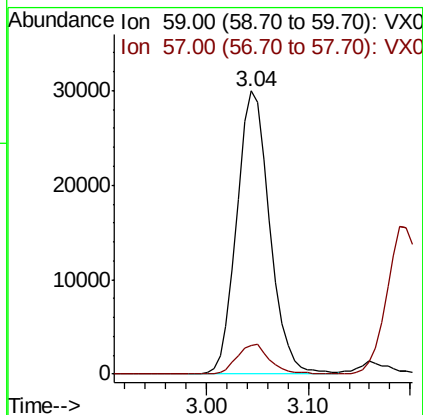
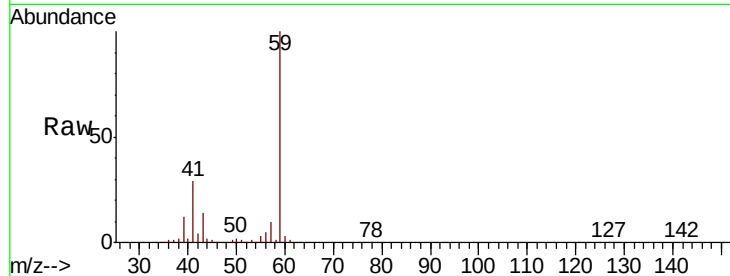


#11

Tert butyl alcohol
 Concen: 100.803 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

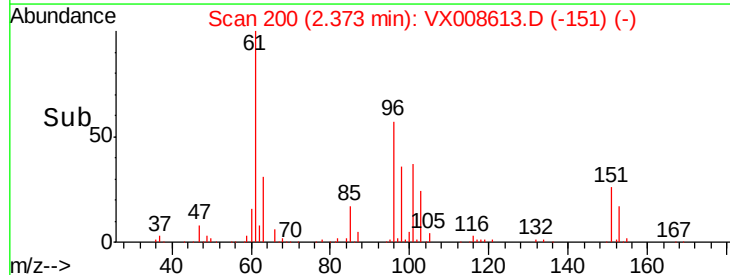
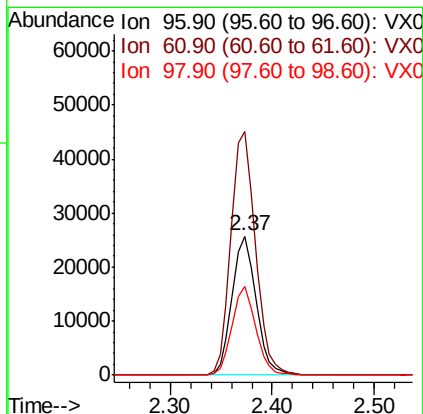
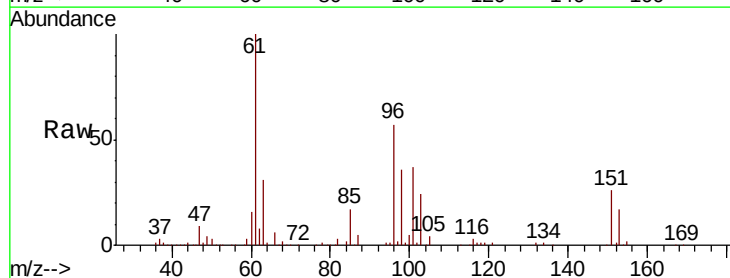
Tot Ion: 59 Resp: 67252
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

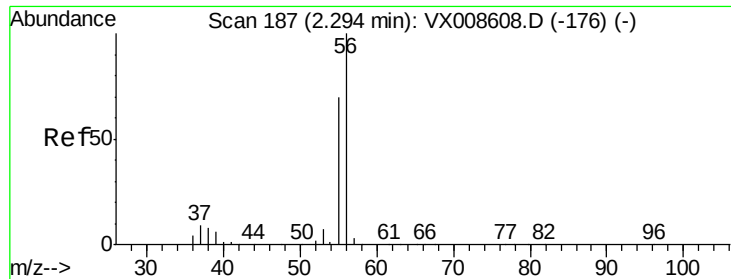


#12

1,1-Dichloroethene
 Concen: 18.658 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion: 96 Resp: 42145
 Ion Ratio Lower Upper
 96 100
 61 174.9 140.9 211.3
 98 63.6 52.1 78.1





#13

Acrolein

Concen: 94.340 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

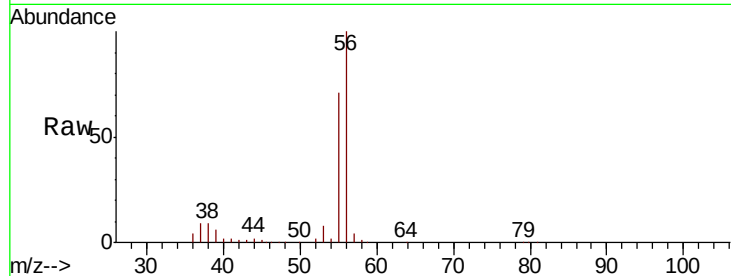
VSTDIC020

Tot Ion: 56 Resp: 31209

Ion Ratio Lower Upper

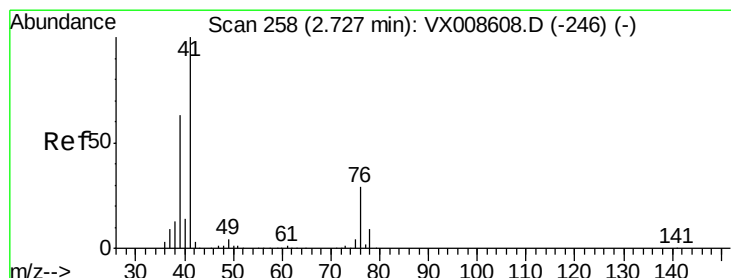
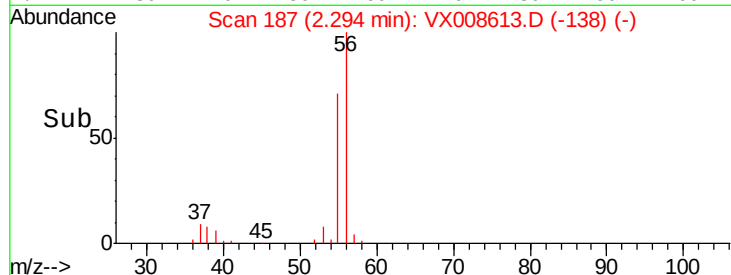
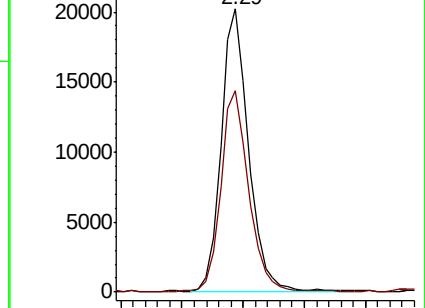
56 100

55 73.5 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.660 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

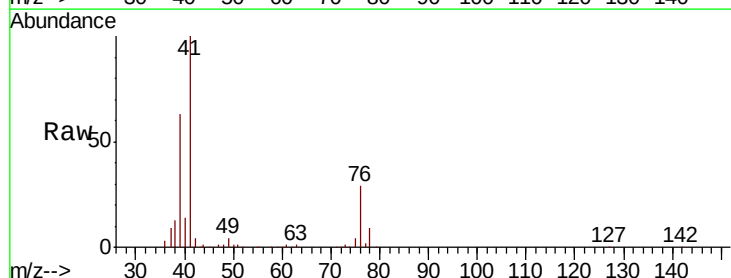
Tgt Ion: 41 Resp: 96489

Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

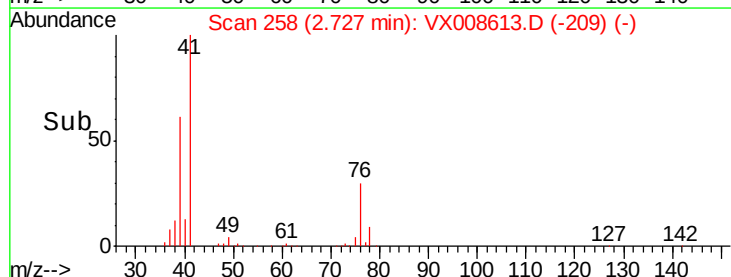
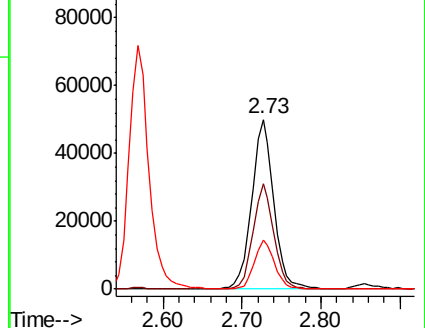
76 26.9 22.0 33.0

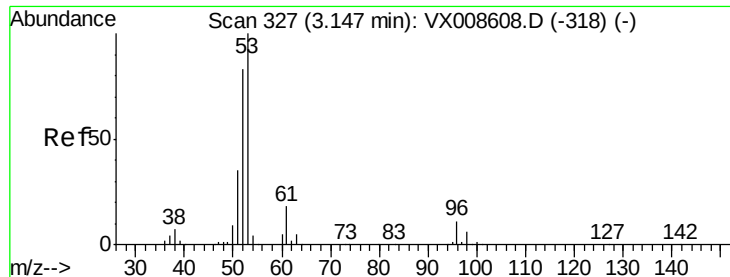


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 95.592 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

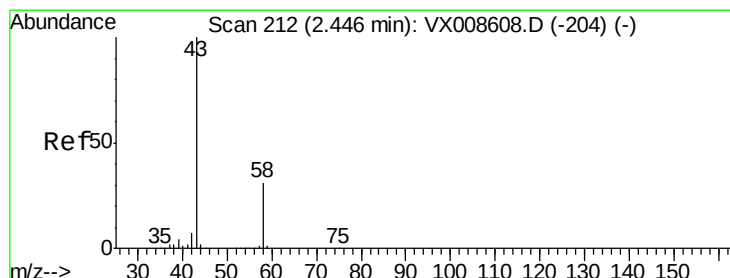
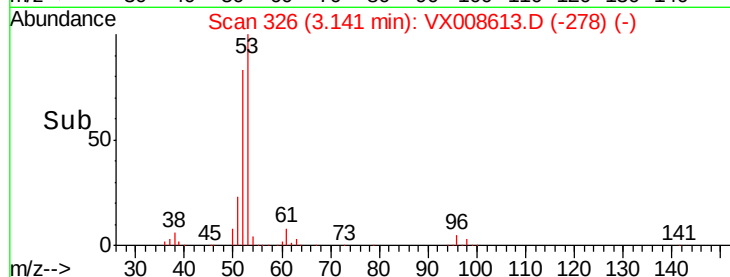
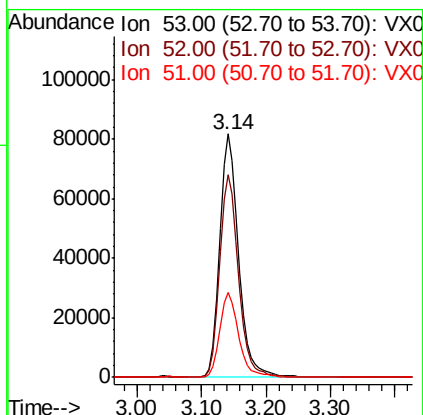
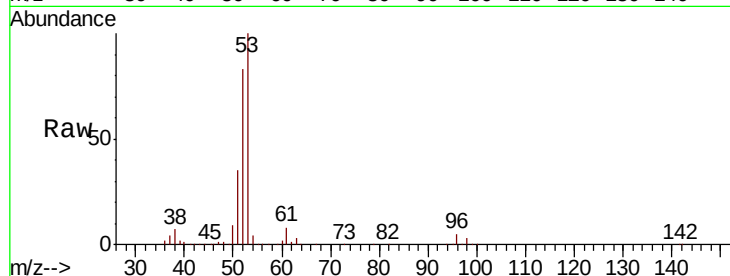
Tot Ion: 53 Resp: 168953

Ion Ratio Lower Upper

53 100

52 83.4 66.5 99.7

51 35.2 28.6 42.8



#16

Acetone

Concen: 94.703 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008613.D

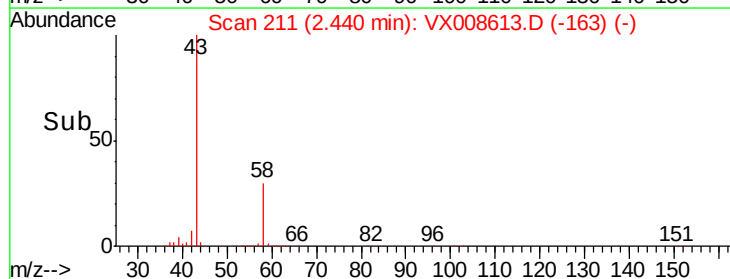
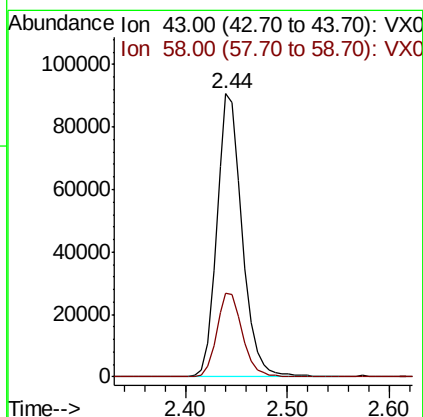
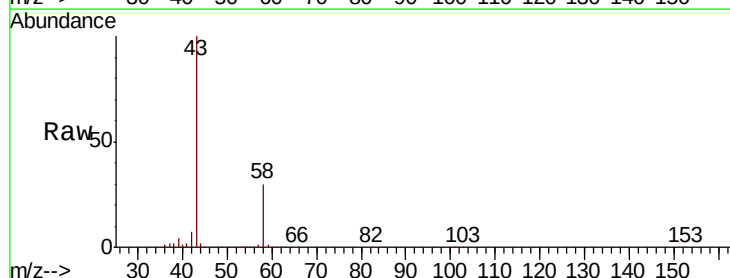
Acq: 03 Apr 2019 12:39

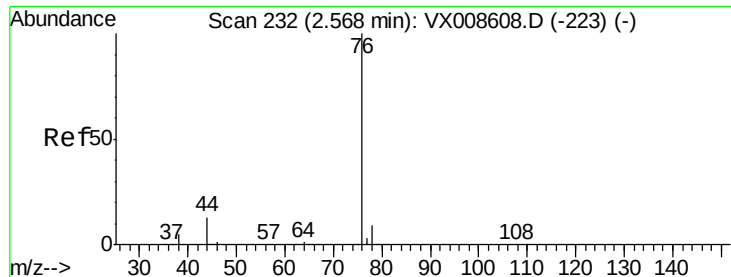
Tgt Ion: 43 Resp: 155444

Ion Ratio Lower Upper

43 100

58 29.7 24.8 37.2





#17

Carbon Disulfide

Concen: 17.298 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

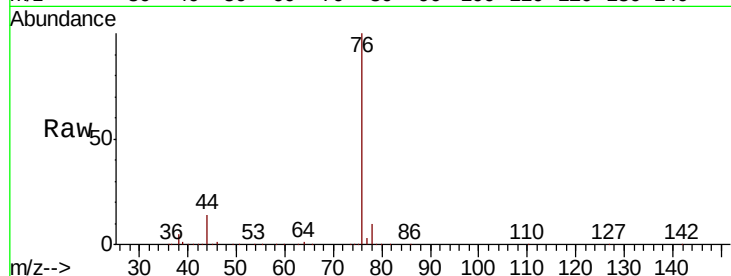
VSTDIC020

Tot Ion: 76 Resp: 125498

Ion Ratio Lower Upper

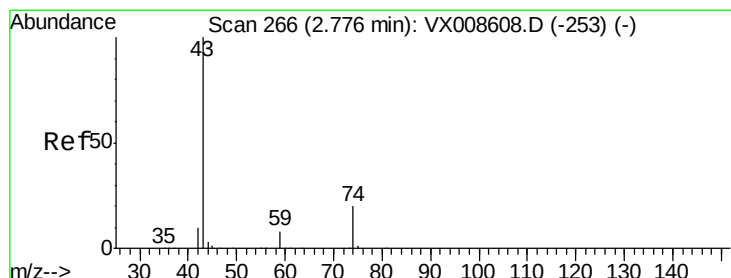
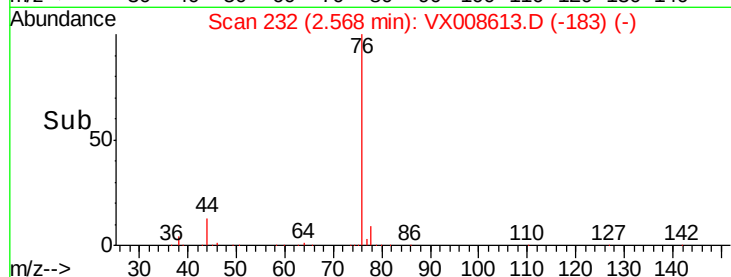
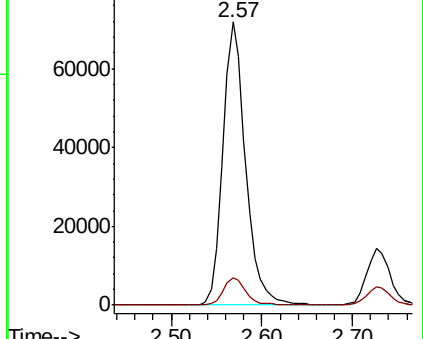
76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.717 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008613.D

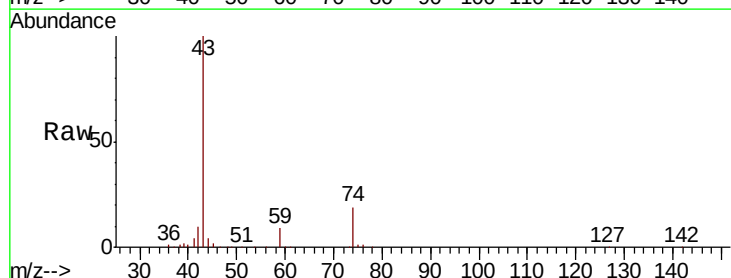
Acq: 03 Apr 2019 12:39

Tgt Ion: 43 Resp: 74508

Ion Ratio Lower Upper

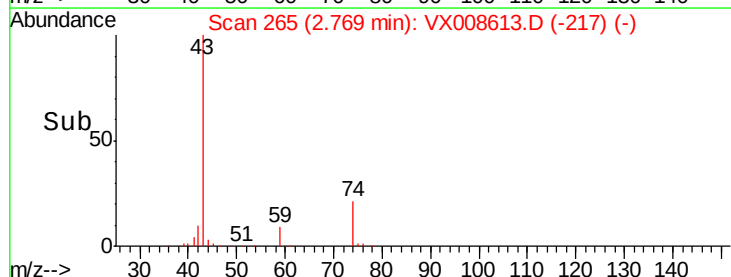
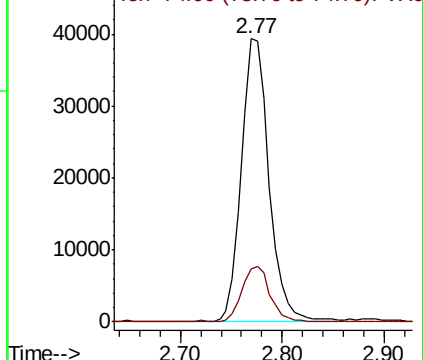
43 100

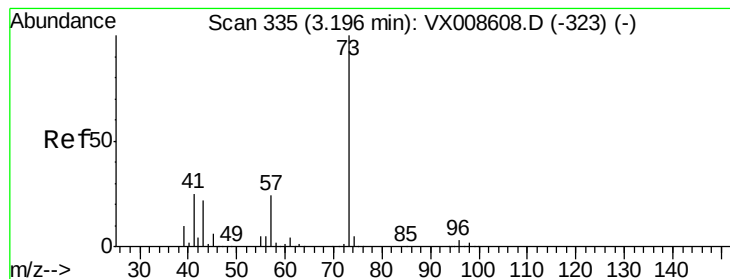
74 19.5 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



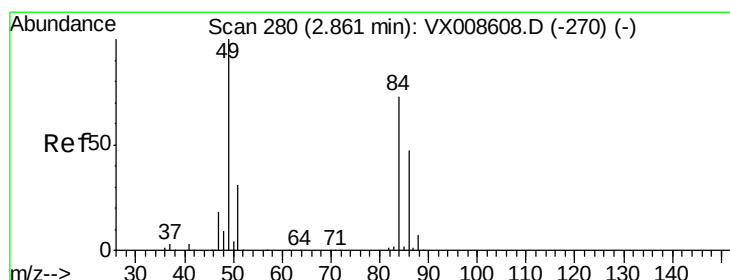
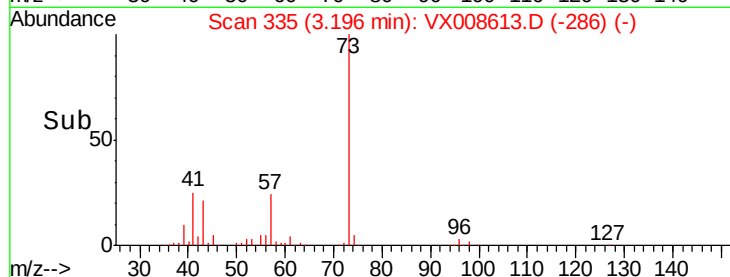
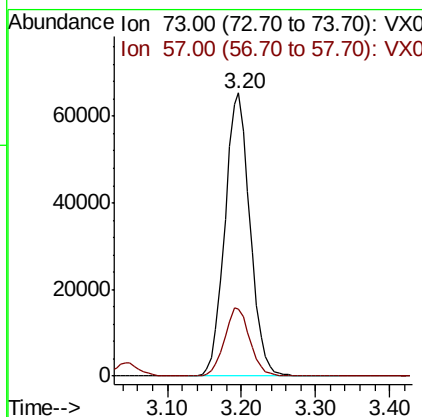
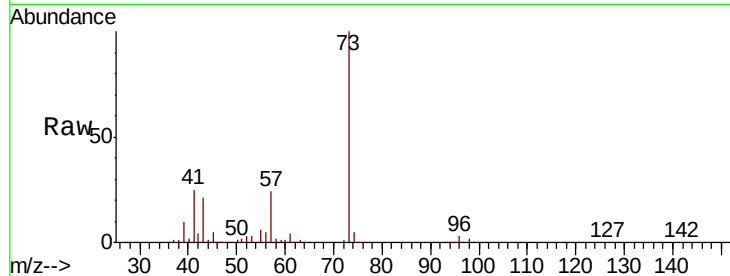


#19

Methvl tert-butvl Ether
 Concen: 19.020 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

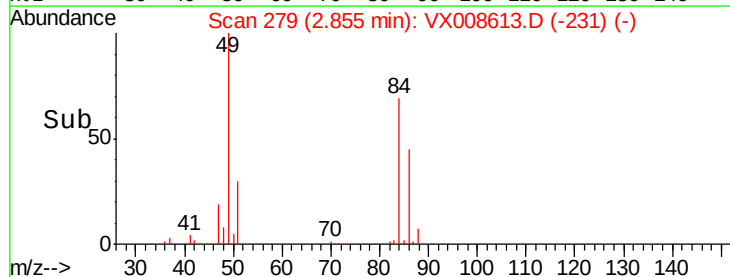
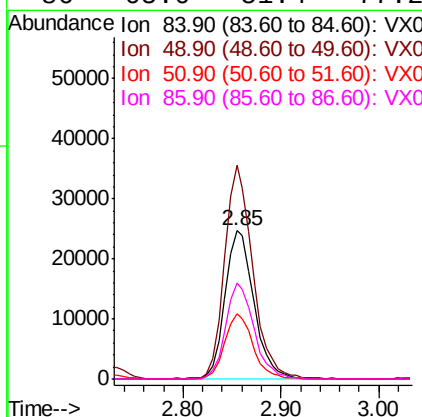
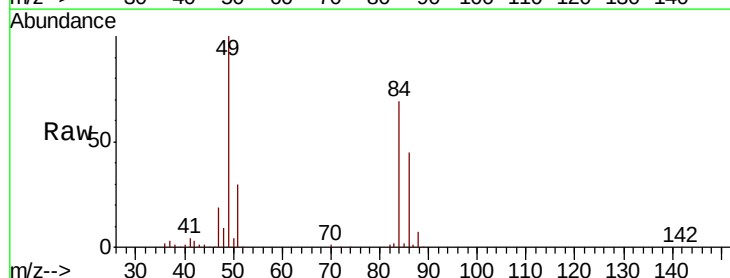
Tot Ion: 73 Resp: 153428
 Ion Ratio Lower Upper
 73 100
 57 23.7 19.5 29.3

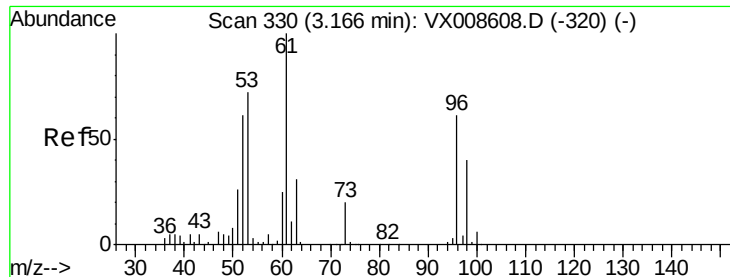


#20

Methylene Chloride
 Concen: 18.422 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion: 84 Resp: 50613
 Ion Ratio Lower Upper
 84 100
 49 144.0 109.7 164.5
 51 43.8 33.6 50.4
 86 65.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 18.147 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

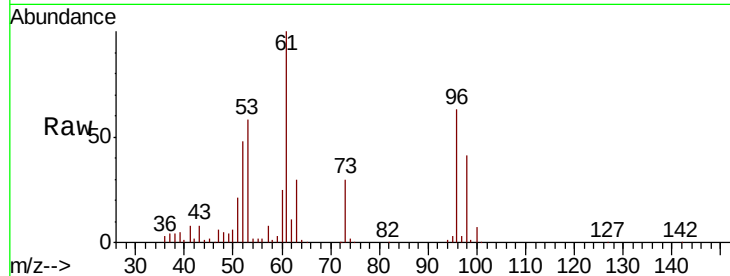
Tot Ion: 96 Resp: 44337

Ion Ratio Lower Upper

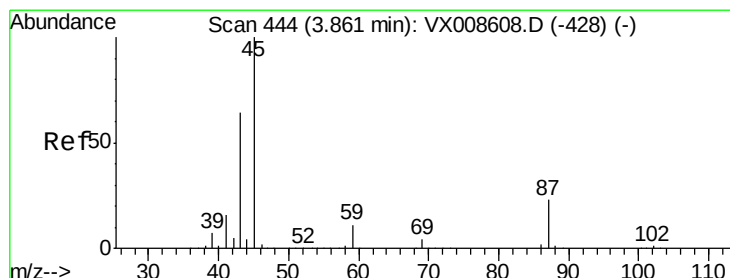
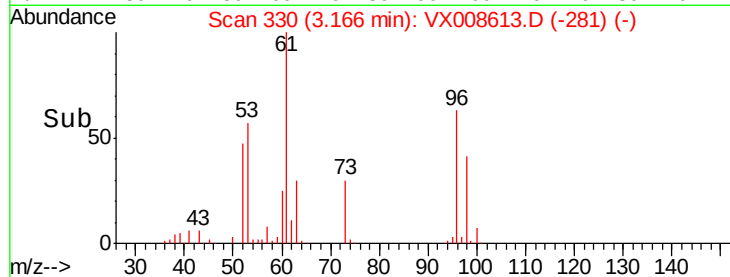
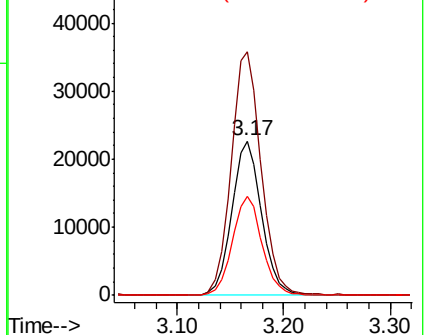
96 100

61 157.6 132.1 198.1

98 64.2 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.833 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Tgt Ion: 45 Resp: 187696

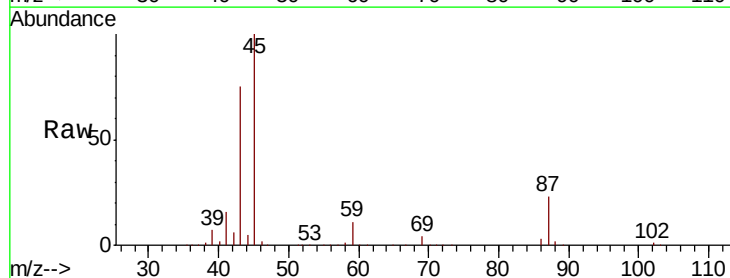
Ion Ratio Lower Upper

45 100

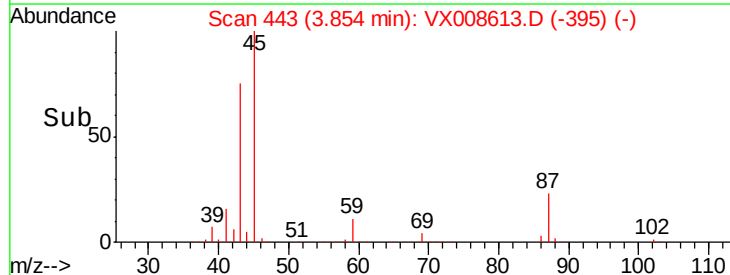
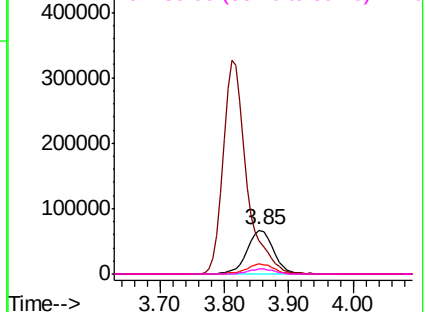
43 74.5 51.3 76.9

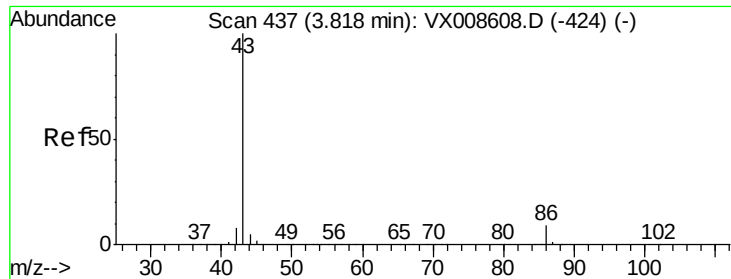
87 23.1 18.1 27.1

59 10.9 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.790 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

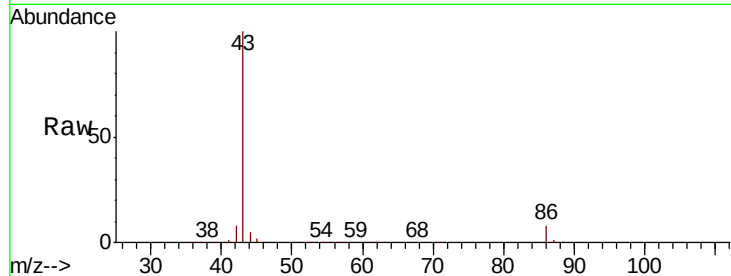
VSTDIC020

Tot Ion: 43 Resp: 839185

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX008613.D (-388) (-)

Ion 86.00 (85.70 to 86.70): VX008613.D (-388) (-)

3.81

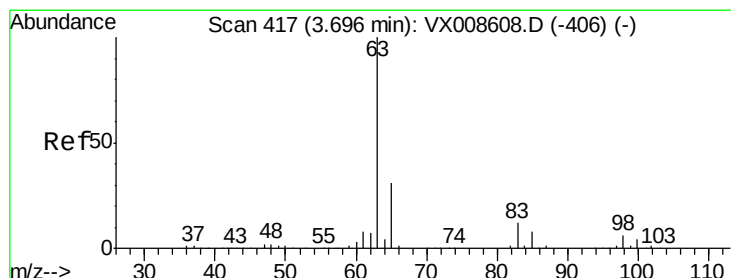
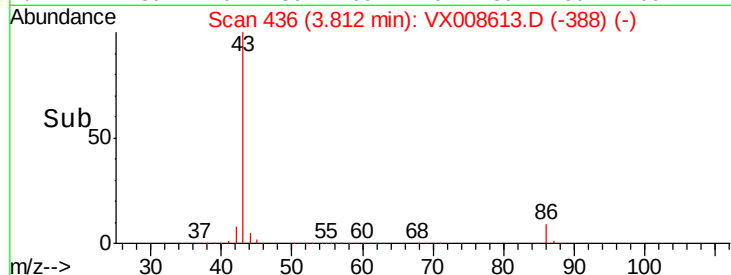
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.813 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

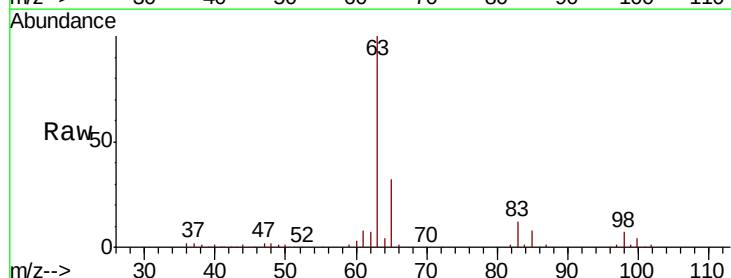
Tgt Ion: 63 Resp: 92831

Ion Ratio Lower Upper

63 100

98 6.5 2.8 8.4

100 4.4 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX008613.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX008613.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX008613.D (-368) (-)

3.70

50000

40000

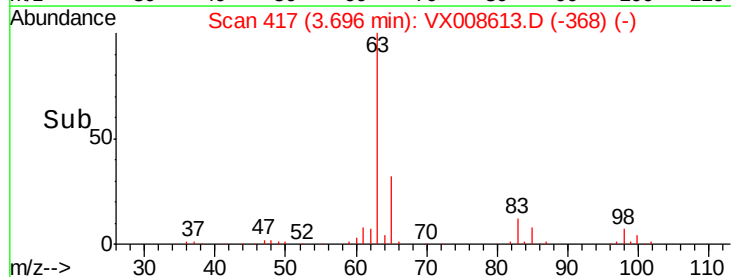
30000

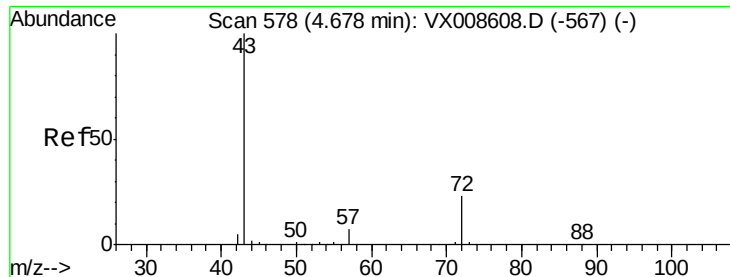
20000

10000

0

Time-->





#25

2-Butanone

Concen: 96.877 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

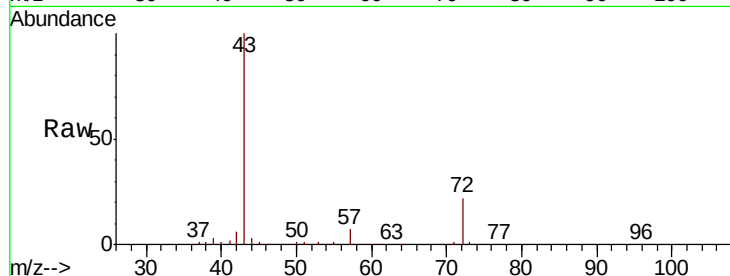
VSTDIC020

Tot Ion: 43 Resp: 251323

Ion Ratio Lower Upper

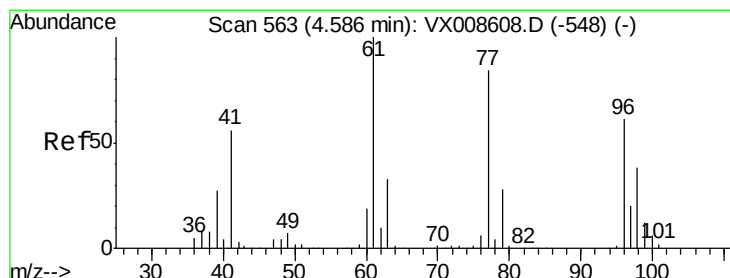
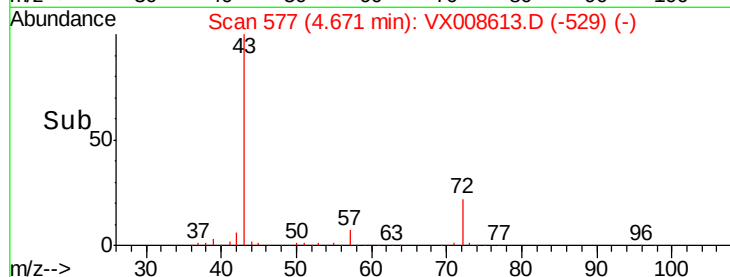
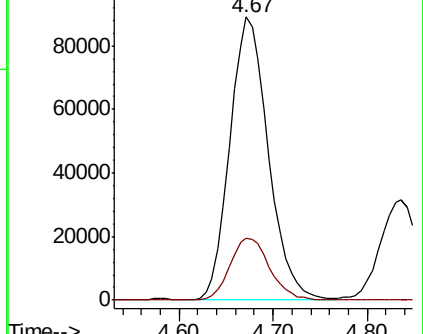
43 100

72 21.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.348 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008613.D

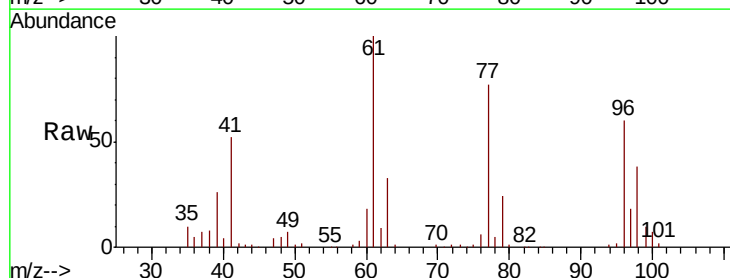
Acq: 03 Apr 2019 12:39

Tgt Ion: 77 Resp: 63767

Ion Ratio Lower Upper

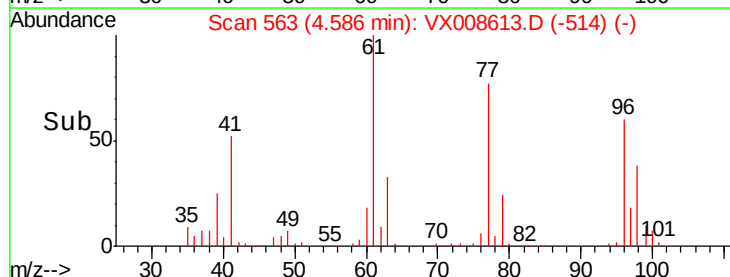
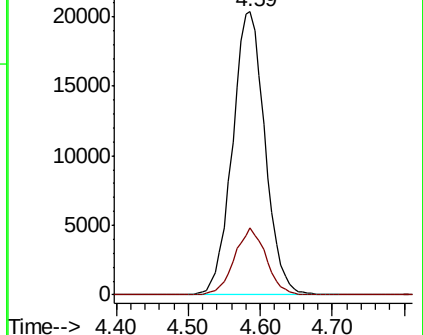
77 100

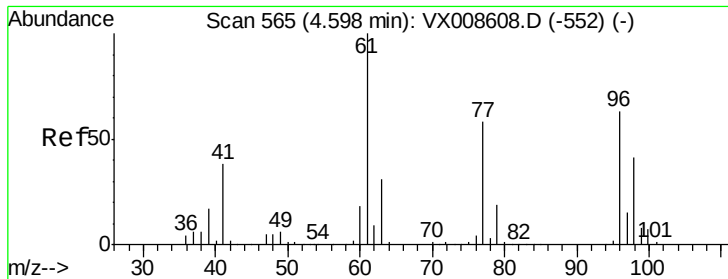
97 22.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



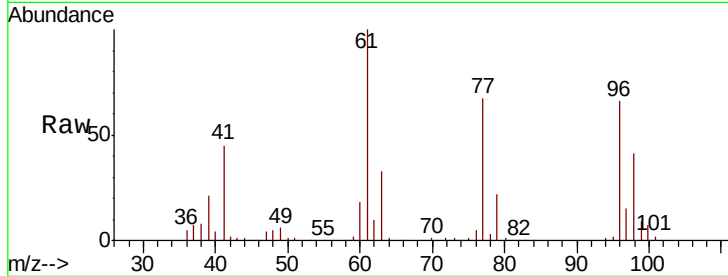


#27

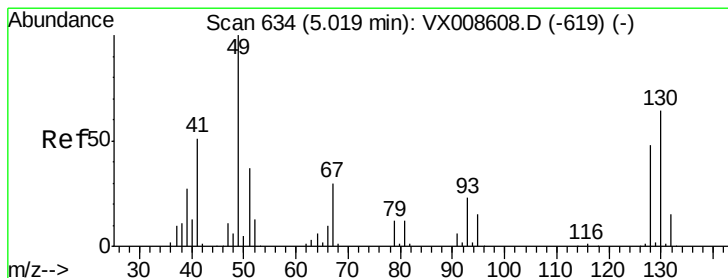
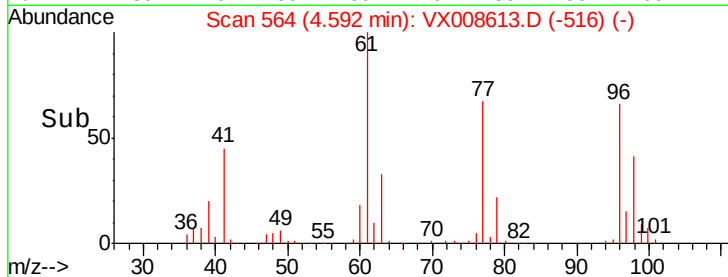
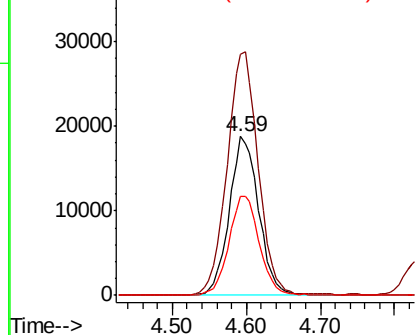
cis-1,2-Dichloroethene
Concen: 18.472 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 96 Resp: 51888
Ion Ratio Lower Upper
96 100
61 161.4 0.0 327.6
98 64.4 0.0 128.6



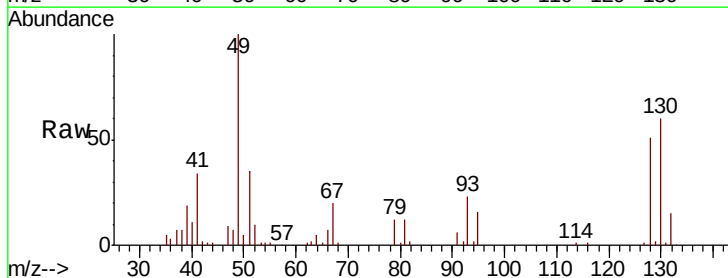
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



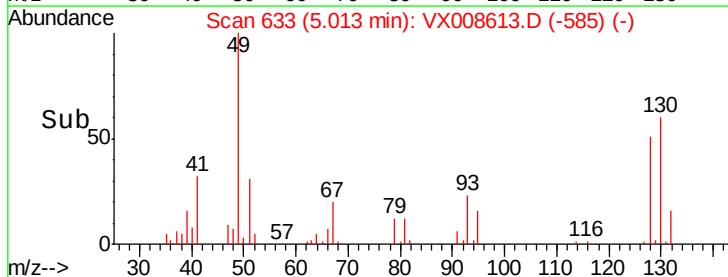
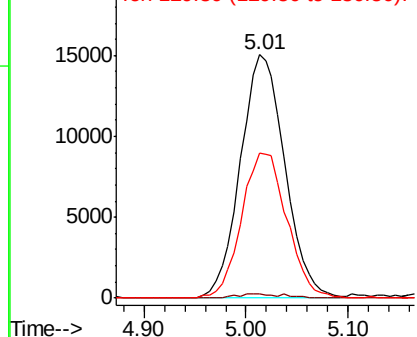
#28

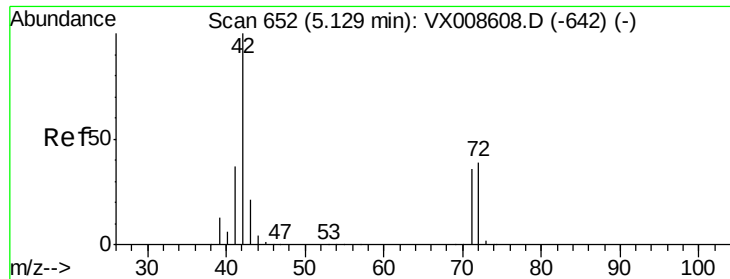
Bromochloromethane
Concen: 19.493 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Tgt Ion: 49 Resp: 45652
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.6
130 60.7 49.3 73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

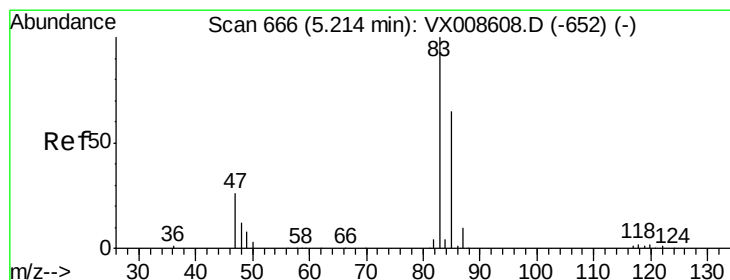
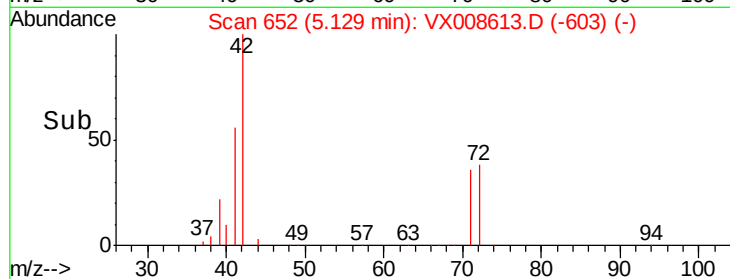
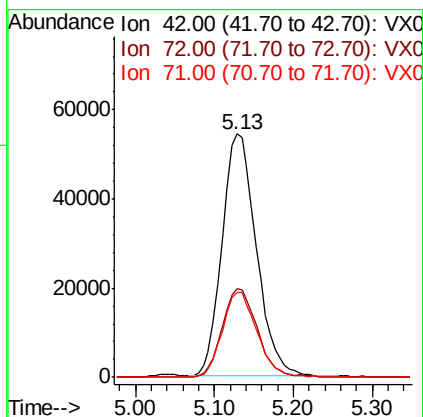
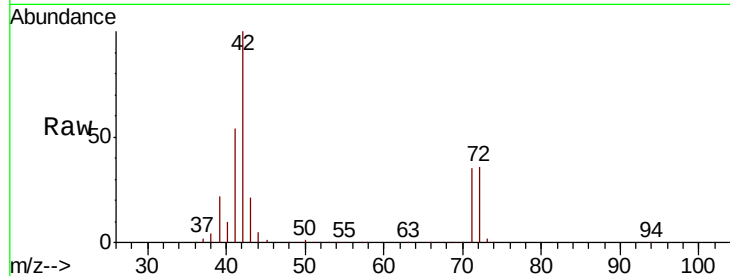




#29
Tetrahydrofuran
Concen: 95.791 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

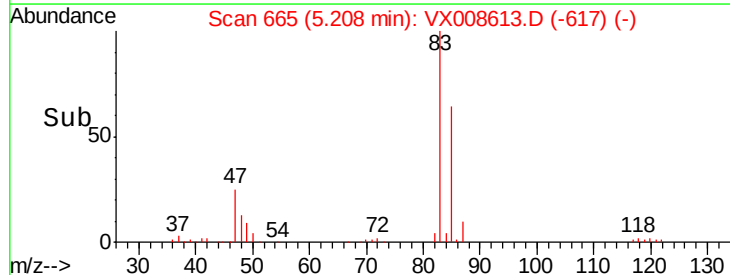
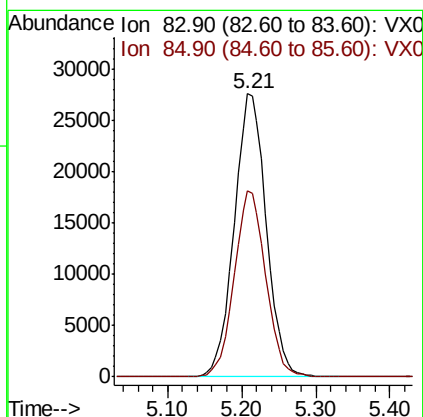
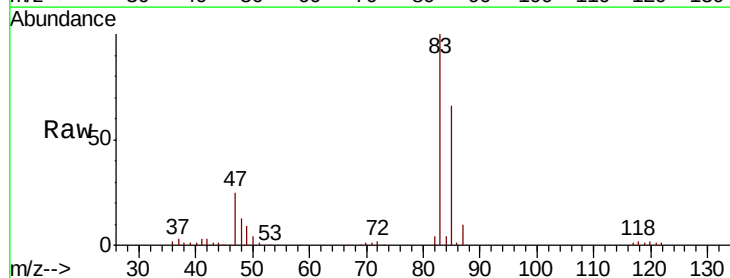
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

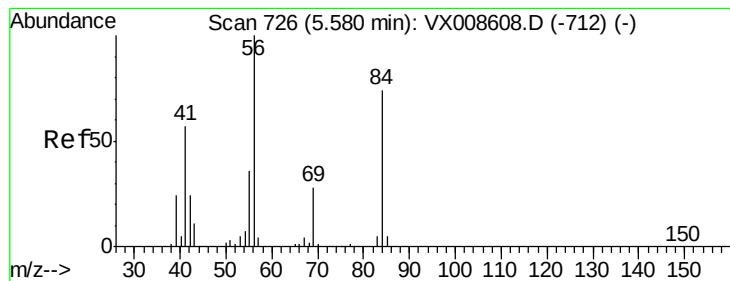
Tot Ion: 42 Resp: 164939
Ion Ratio Lower Upper
42 100
72 37.9 30.5 45.7
71 35.8 28.6 43.0



#30
Chloroform
Concen: 18.841 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Tgt Ion: 83 Resp: 83040
Ion Ratio Lower Upper
83 100
85 65.7 52.1 78.1





#31

Cyclohexane

Concen: 18.554 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

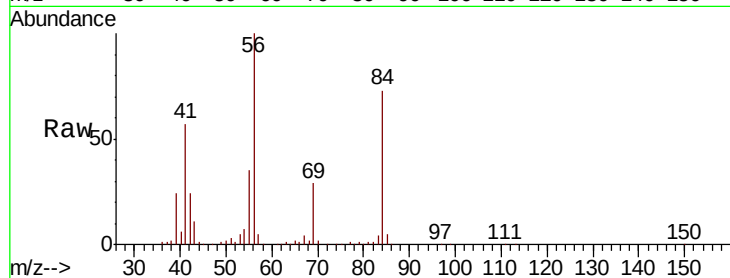
Tot Ion: 56 Resp: 91357

Ion Ratio Lower Upper

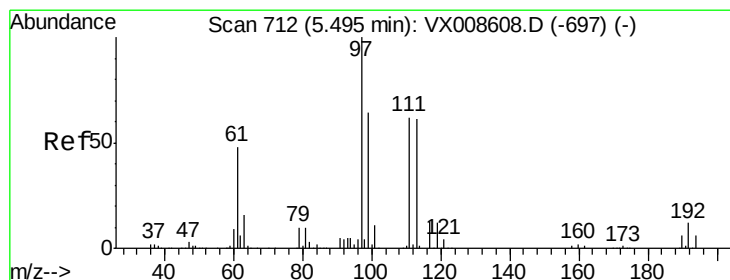
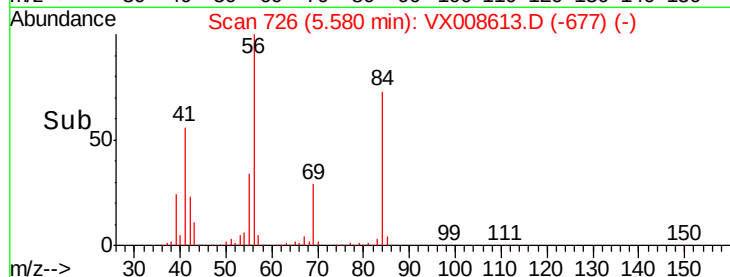
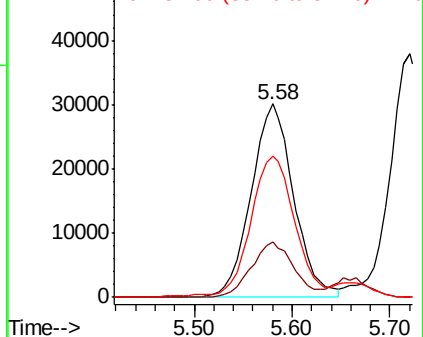
56 100

69 28.6 22.6 33.8

84 72.0 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.489 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

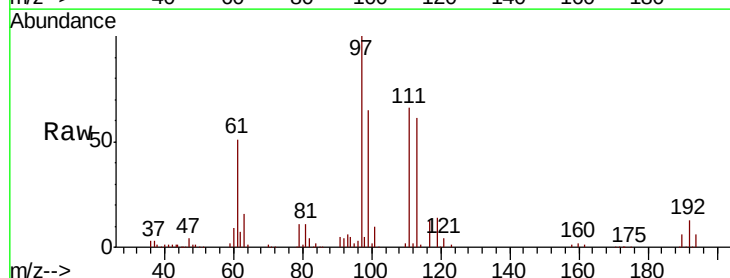
Tgt Ion: 97 Resp: 65850

Ion Ratio Lower Upper

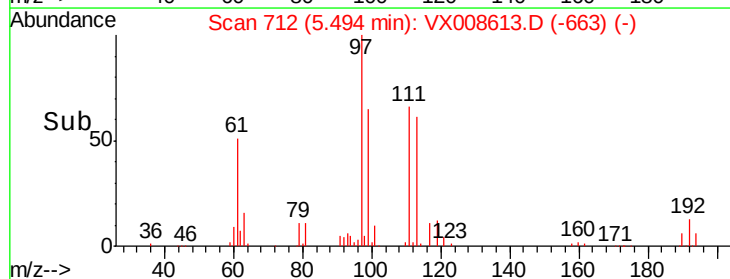
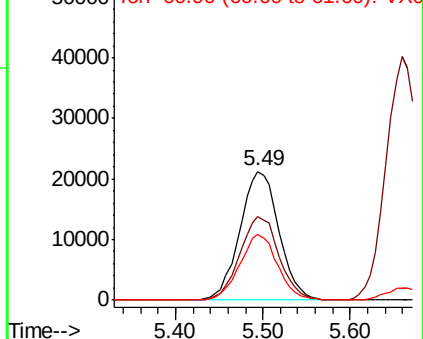
97 100

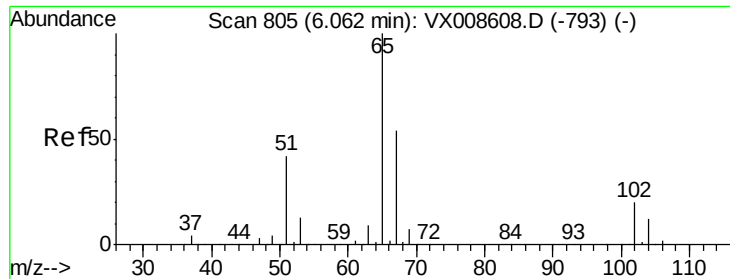
99 65.2 51.3 76.9

61 49.6 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 19.056 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

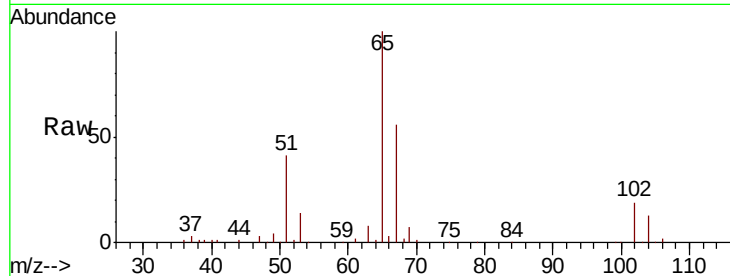
VSTDIC020

Tot Ion: 65 Resp: 54304

Ion Ratio Lower Upper

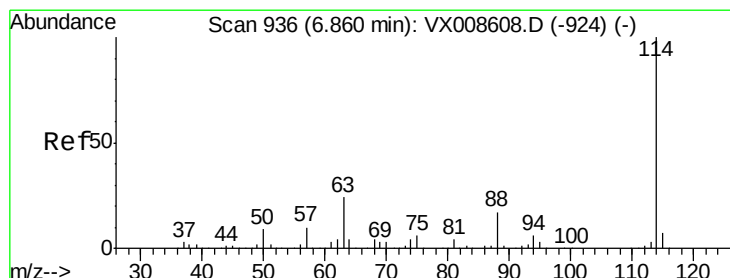
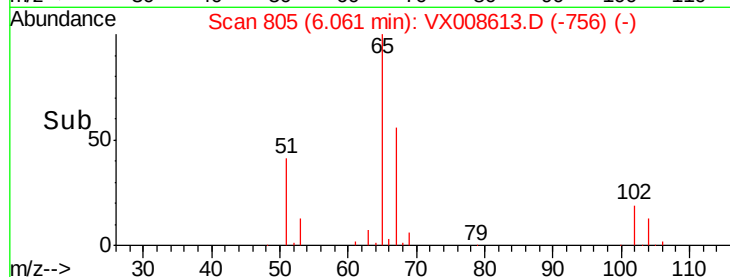
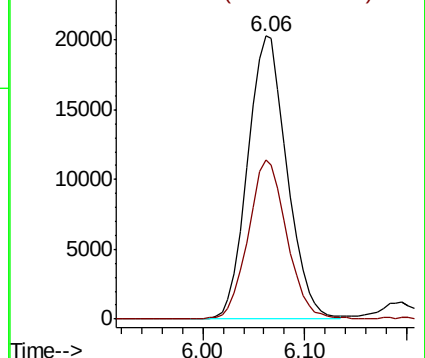
65 100

67 55.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

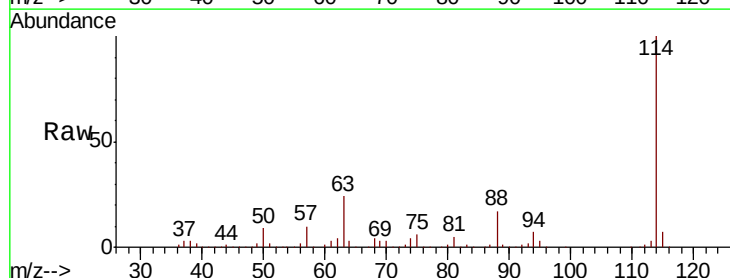
Tgt Ion: 114 Resp: 324068

Ion Ratio Lower Upper

114 100

63 24.0 0.0 47.2

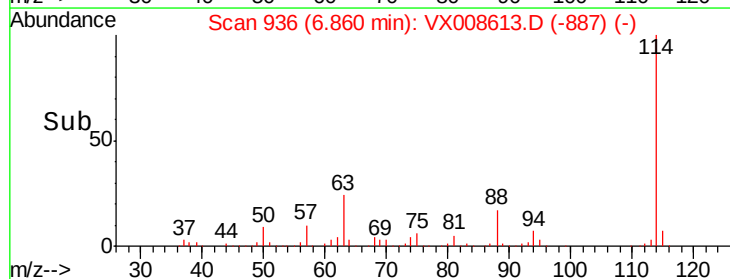
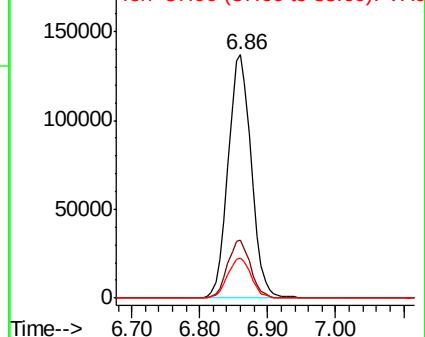
88 16.7 0.0 34.0

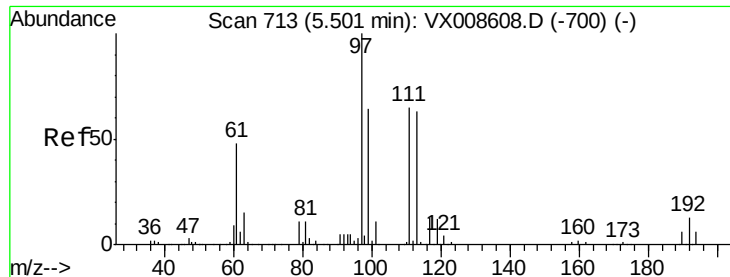


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 19.239 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

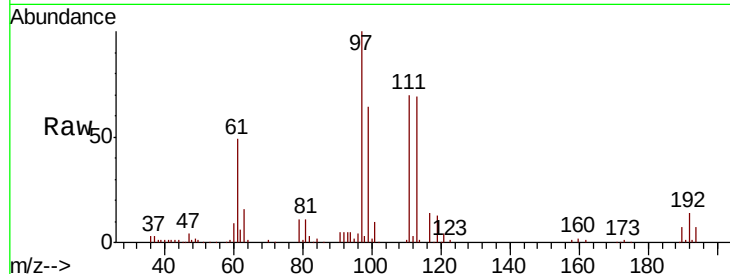
Tot Ion:113 Resp: 39863

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 20.1 16.1 24.1

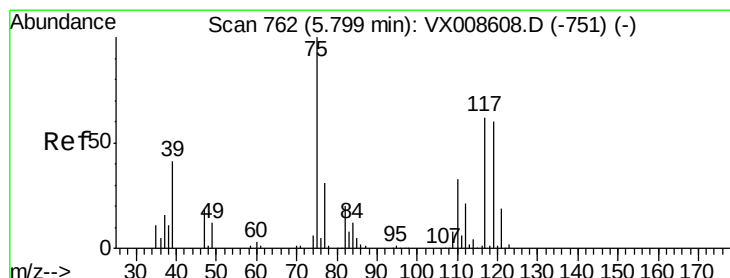
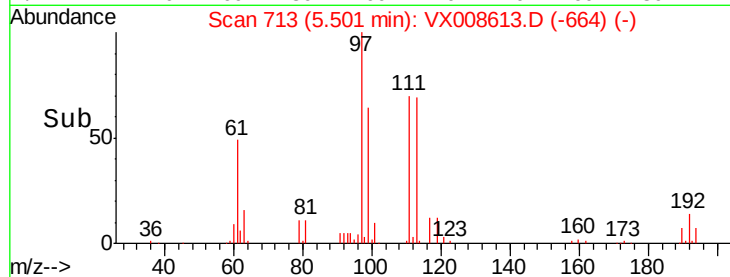
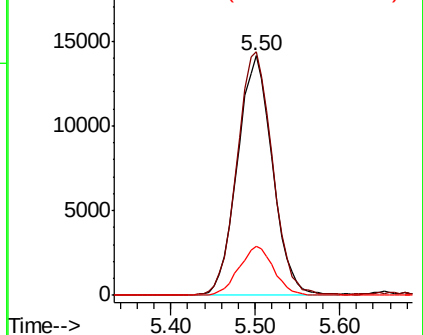


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.509 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

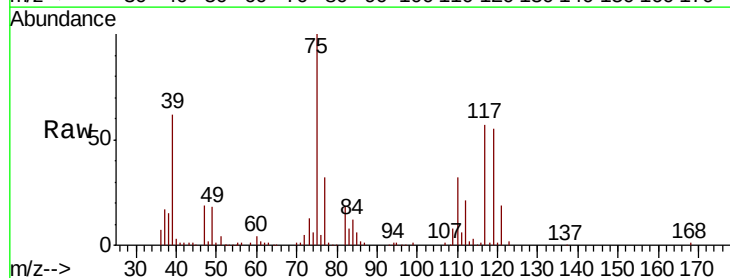
Tgt Ion: 75 Resp: 65565

Ion Ratio Lower Upper

75 100

110 32.8 16.4 49.2

77 31.0 24.7 37.1

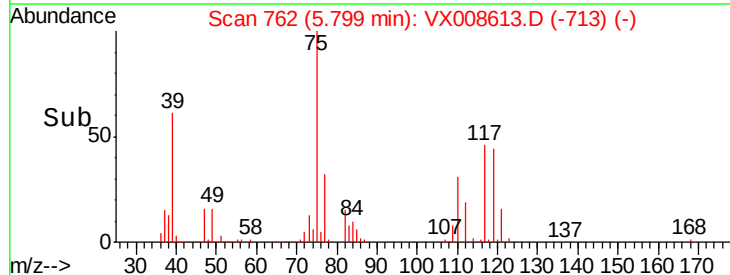
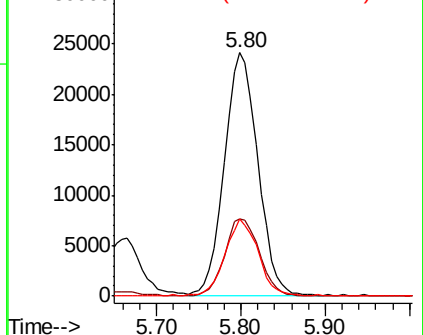


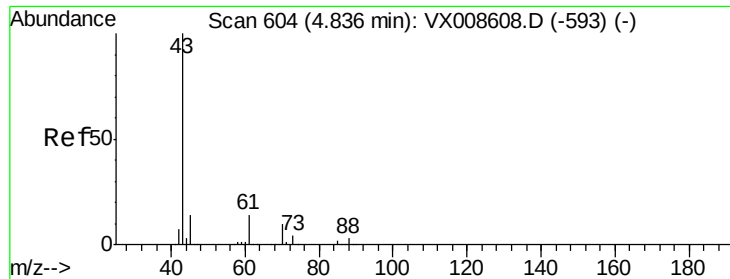
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

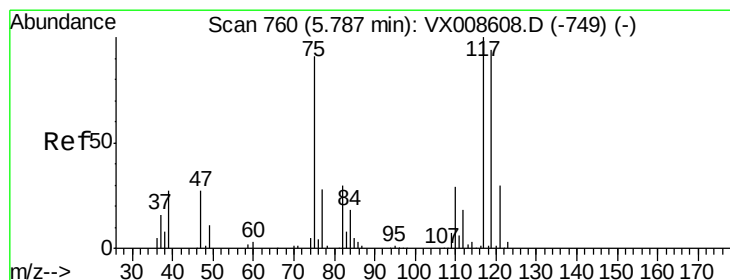
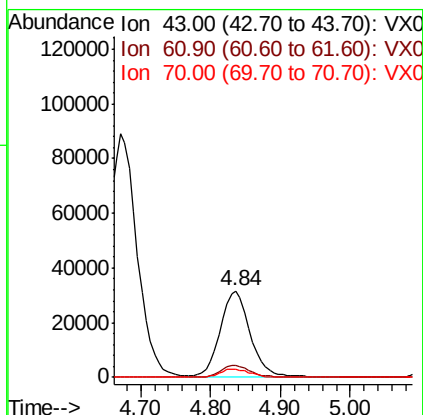
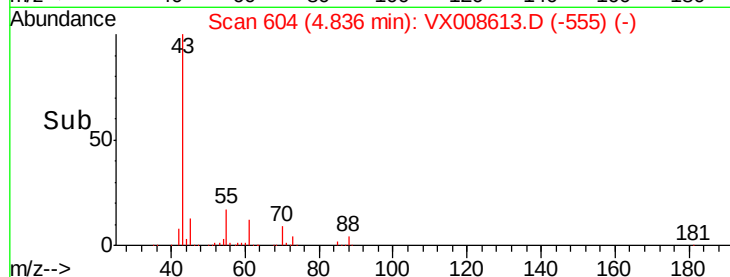
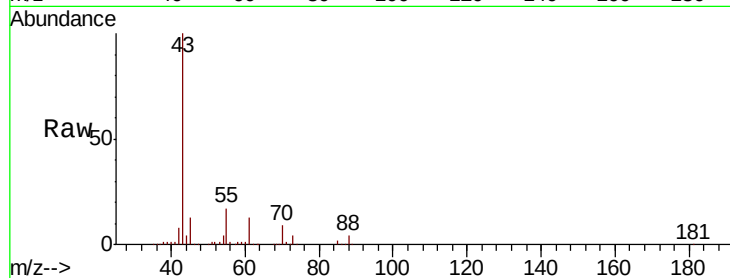




#37
Ethyl Acetate
Concen: 19.718 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

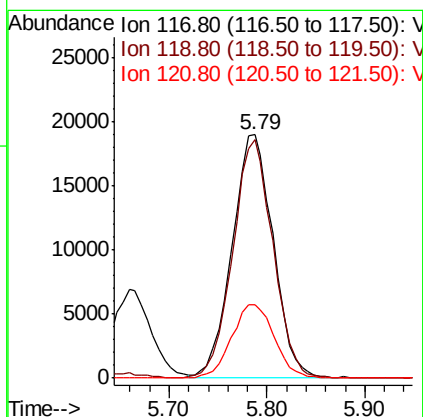
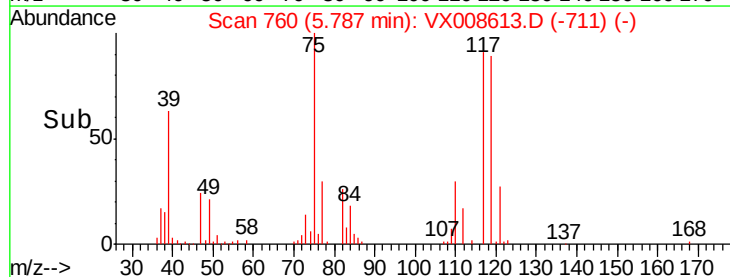
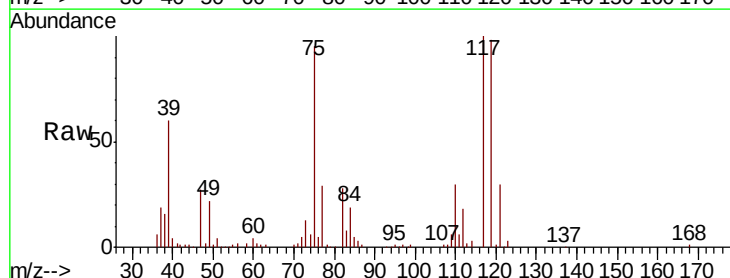
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

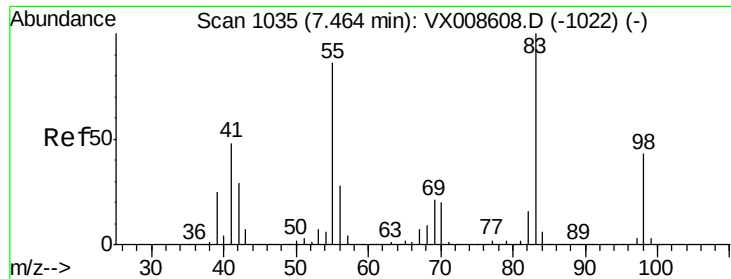
Tot Ion: 43 Resp: 93235
Ion Ratio Lower Upper
43 100
61 13.3 10.3 15.5
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.895 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Tgt Ion: 117 Resp: 55399
Ion Ratio Lower Upper
117 100
119 97.5 75.0 112.6
121 30.4 24.3 36.5

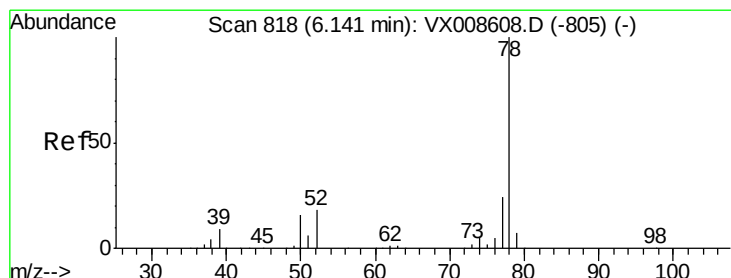
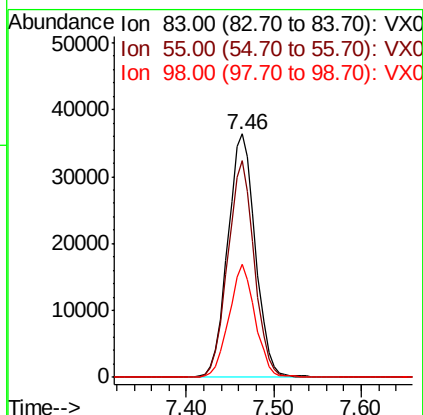
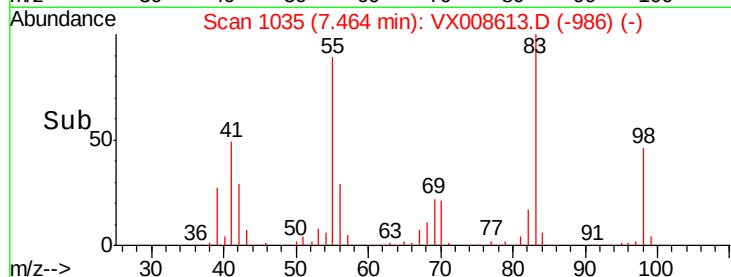
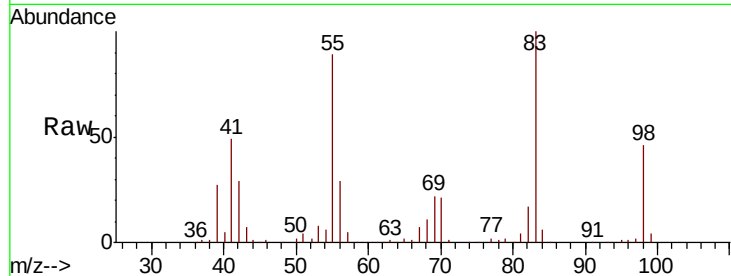




#39
Methylvlcyclohexane
Concen: 18.262 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

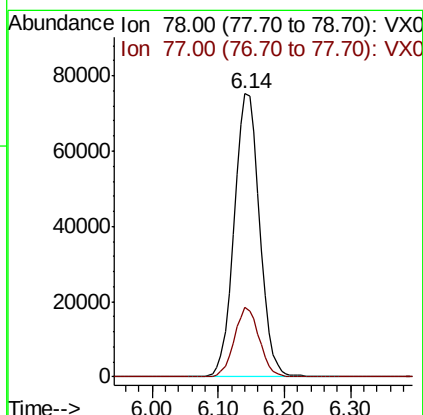
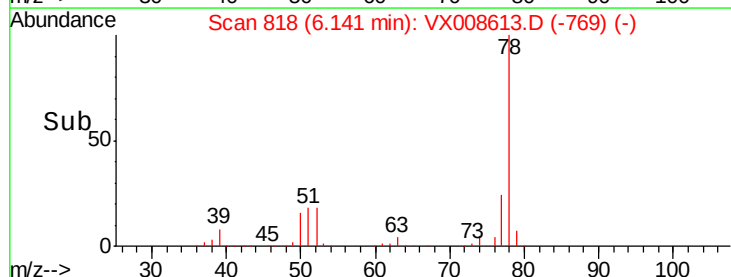
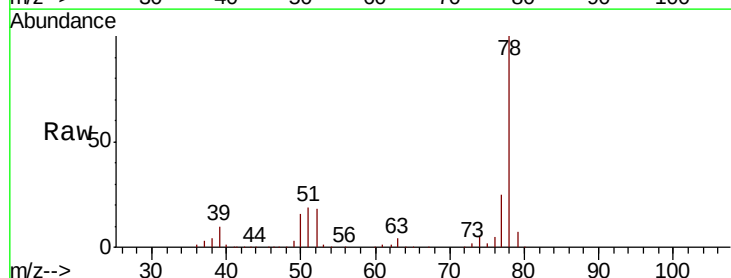
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

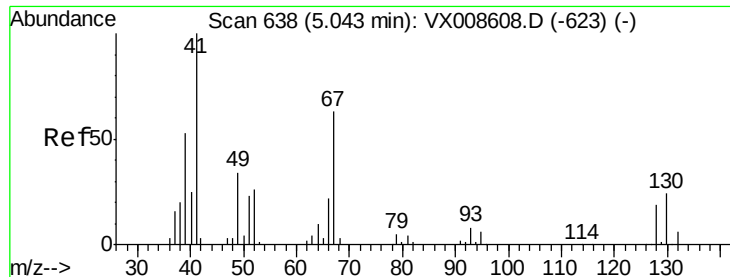
Tot Ion: 83 Resp: 79916
Ion Ratio Lower Upper
83 100
55 88.8 69.0 103.6
98 46.2 34.4 51.6



#40
Benzene
Concen: 19.008 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Tgt Ion: 78 Resp: 200594
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7

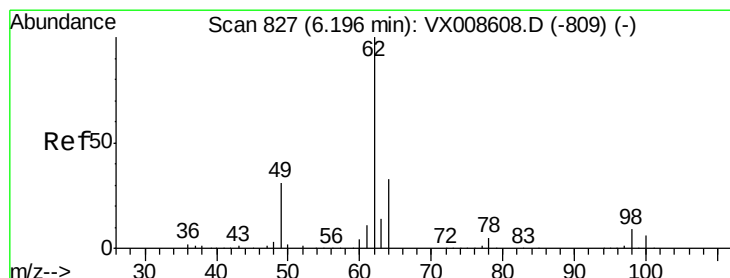
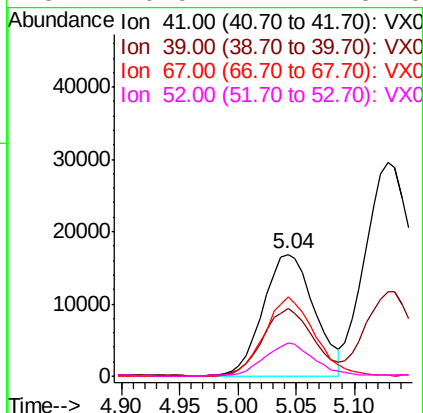
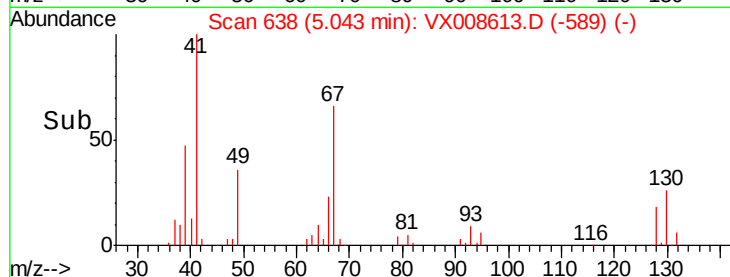
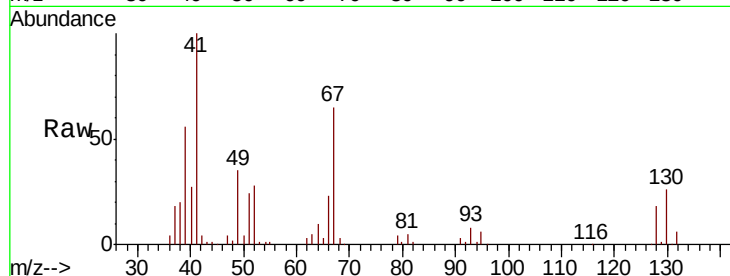




#41
Methacrylonitrile
Concen: 18.898 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

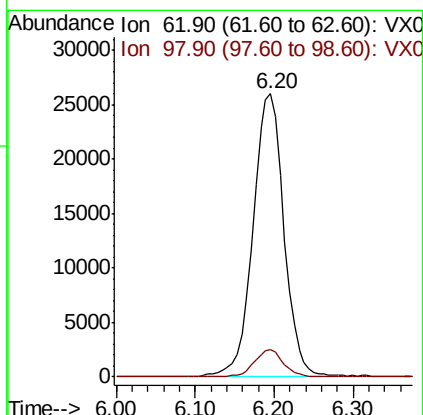
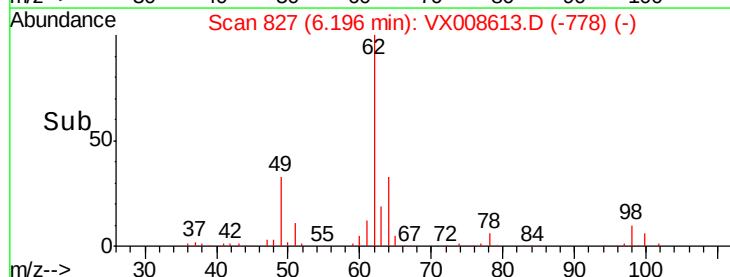
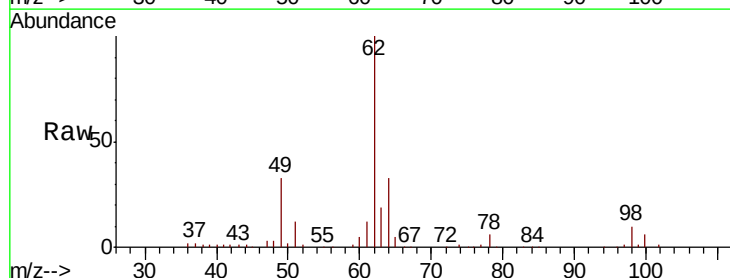
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

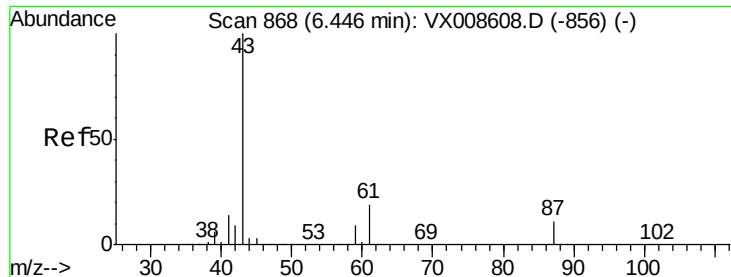
Tot Ion:	41	Resp:	51364
Ion	Ratio	Lower	Upper
41	100		
39	55.8	42.1	63.1
67	63.7	51.0	76.6
52	26.0	21.4	32.0



#42
1,2-Dichloroethane
Concen: 18.748 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Tgt Ion:	62	Resp:	70928
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0





#43

Isopropyl Acetate

Concen: 19.165 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

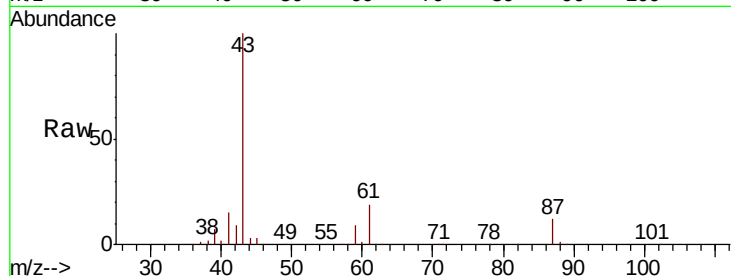
Tot Ion: 43 Resp: 141958

Ion Ratio Lower Upper

43 100

61 19.1 15.3 22.9

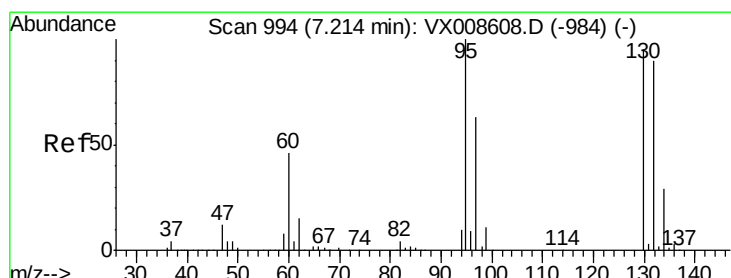
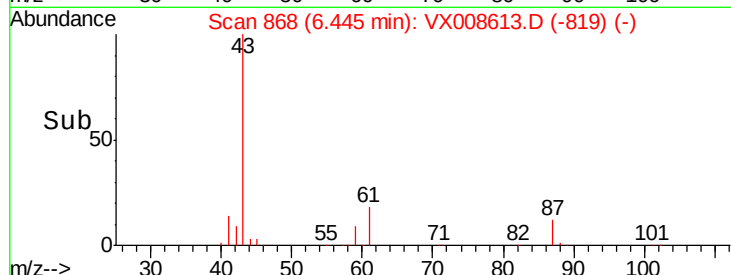
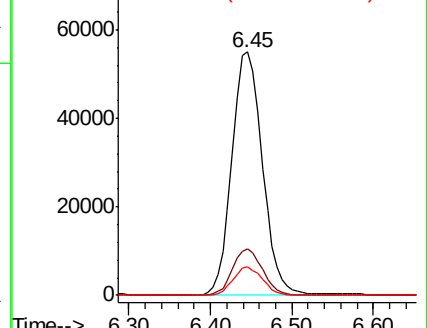
87 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.349 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008613.D

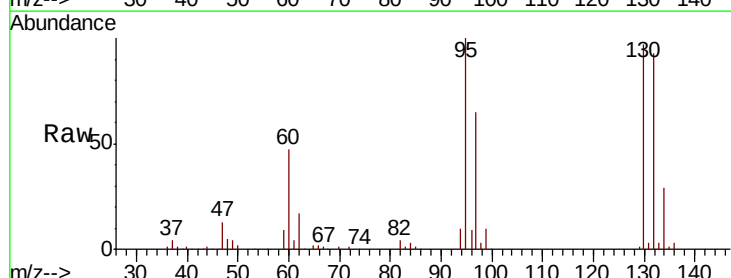
Acq: 03 Apr 2019 12:39

Tgt Ion:130 Resp: 45099

Ion Ratio Lower Upper

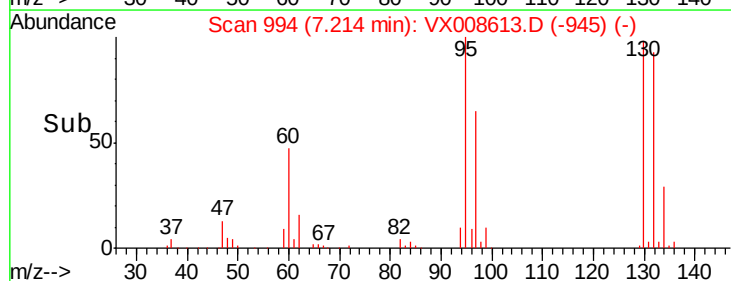
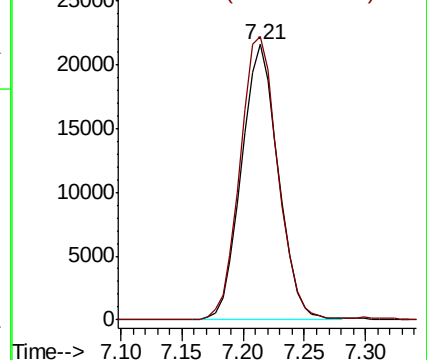
130 100

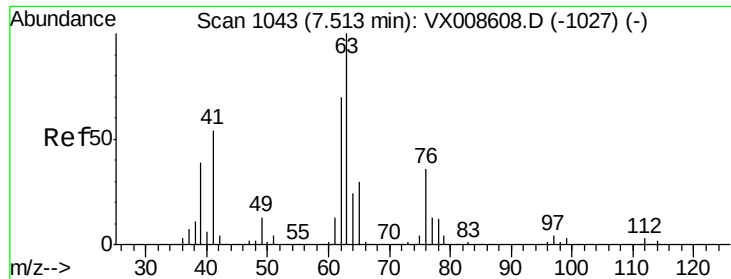
95 102.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

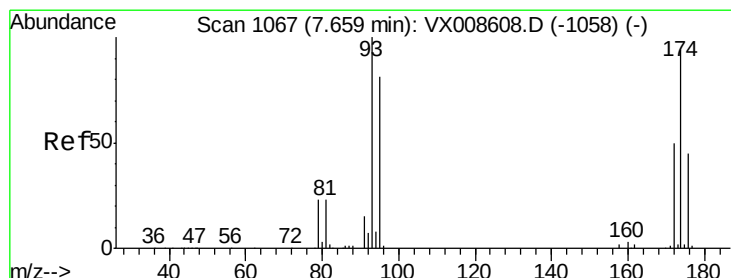
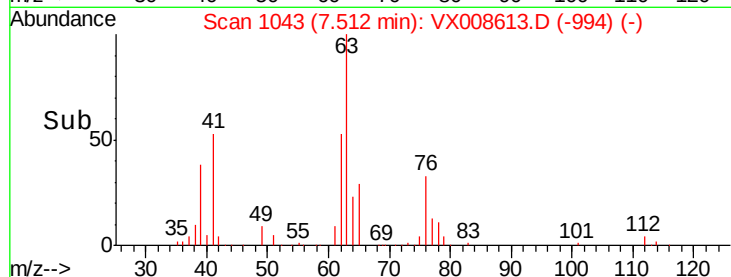
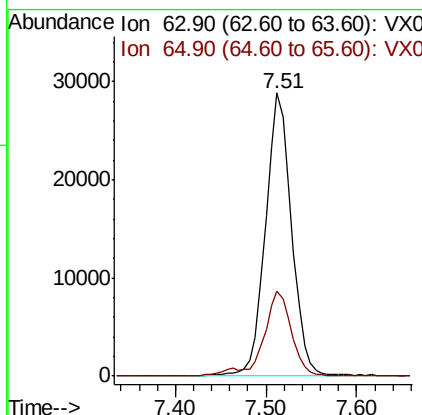
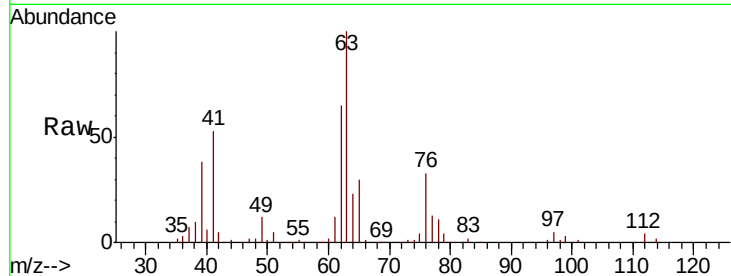




#45
 1,2-Dichloropropane
 Concen: 19.083 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

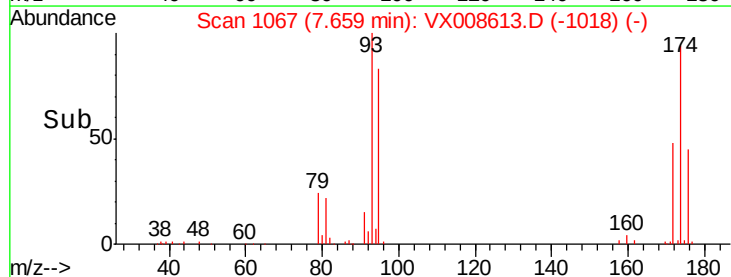
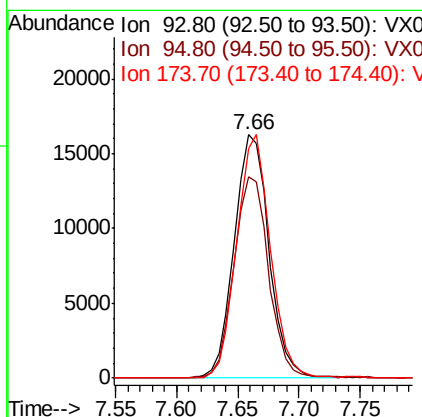
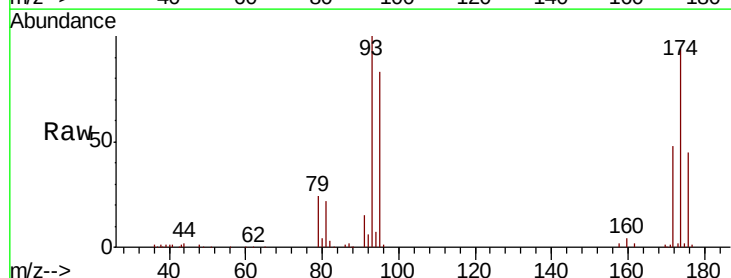
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

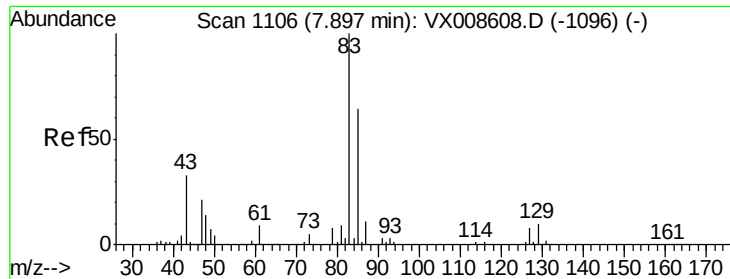
Tot Ion: 63 Resp: 57481
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.2 36.4



#46
 Dibromomethane
 Concen: 18.377 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion: 93 Resp: 32104
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.6 99.8
 174 97.0 77.7 116.5





#47

Bromodichloromethane

Concen: 18.921 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

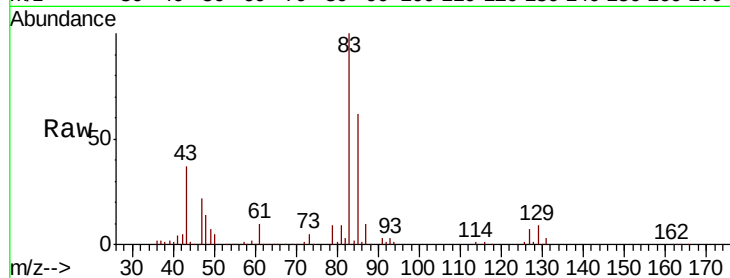
Tot Ion: 83 Resp: 62325

Ion Ratio Lower Upper

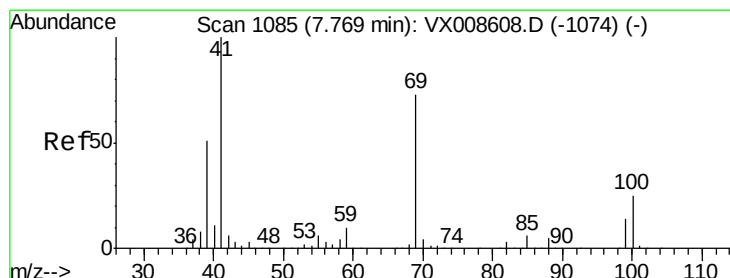
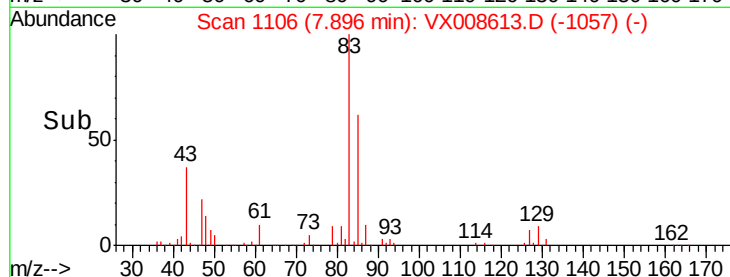
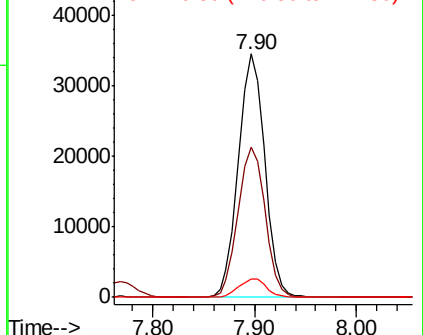
83 100

85 61.5 51.2 76.8

127 7.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.068 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

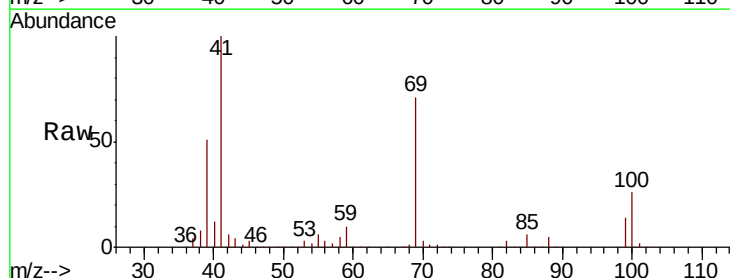
Tgt Ion: 41 Resp: 71444

Ion Ratio Lower Upper

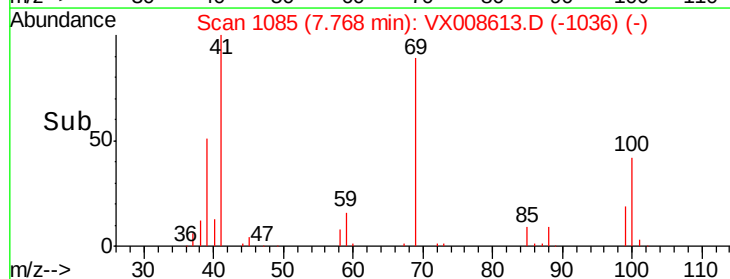
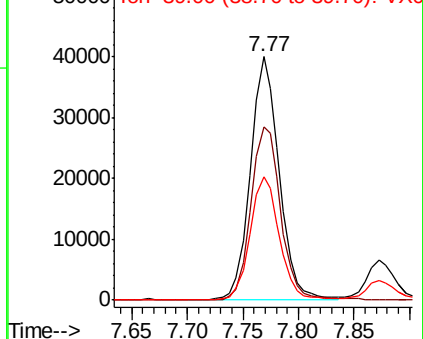
41 100

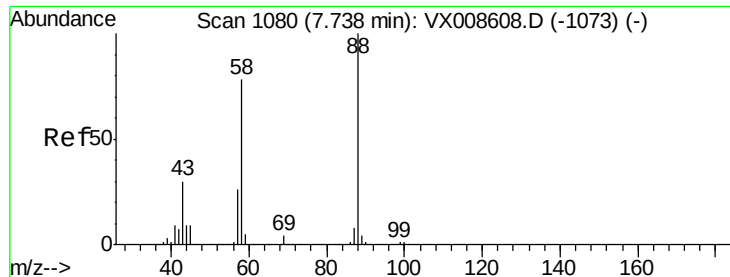
69 75.1 59.0 88.4

39 51.5 41.0 61.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 405.751 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

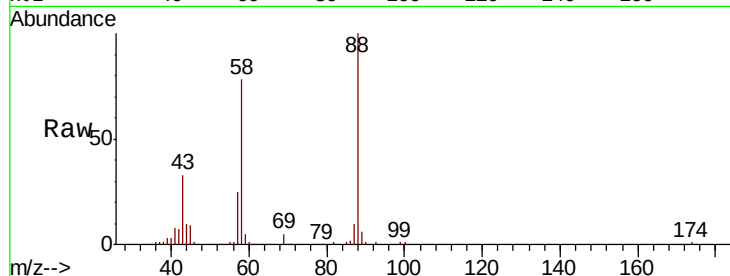
Tot Ion: 88 Resp: 28479

Ion Ratio Lower Upper

88 100

43 38.0 28.6 43.0

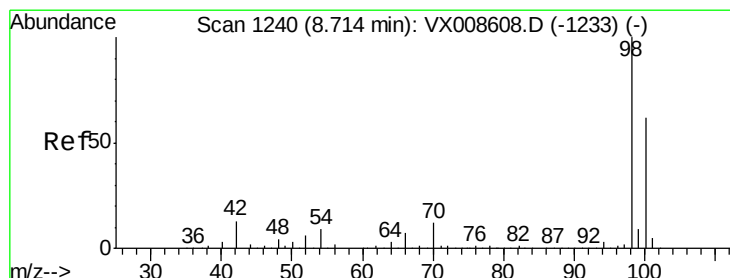
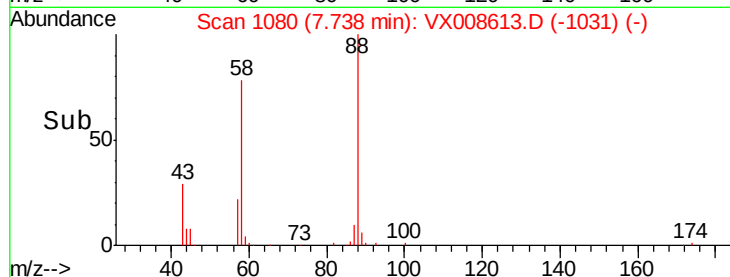
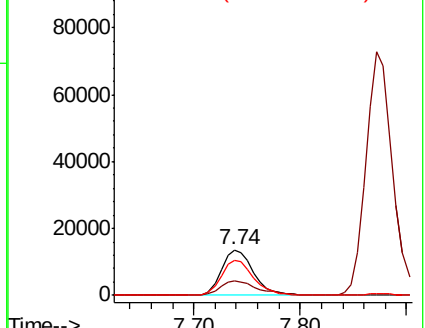
58 79.3 62.2 93.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 19.731 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008613.D

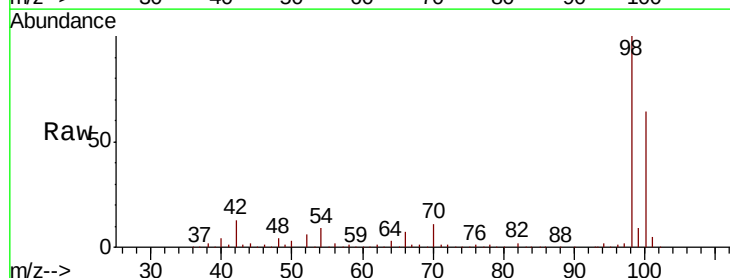
Acq: 03 Apr 2019 12:39

Tgt Ion: 98 Resp: 162781

Ion Ratio Lower Upper

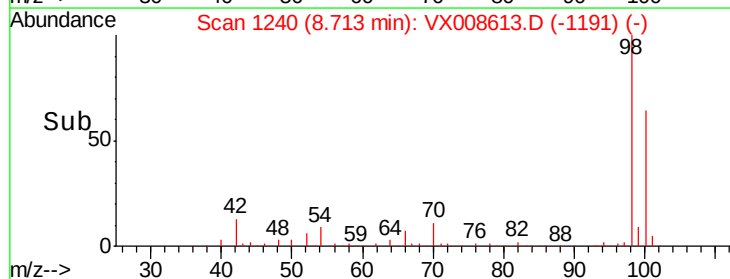
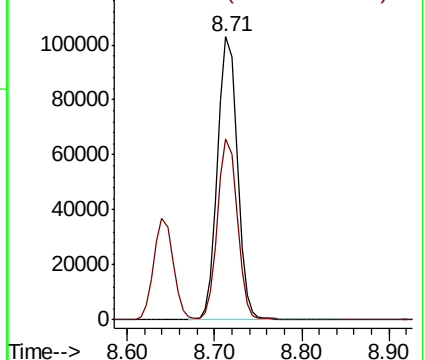
98 100

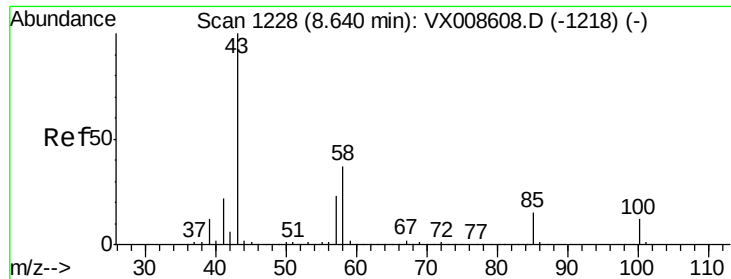
100 63.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 101.322 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

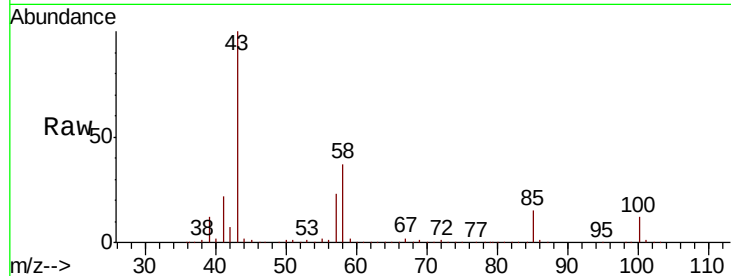
VSTDIC020

Tot Ion: 43 Resp: 483118

Ion Ratio Lower Upper

43 100

58 37.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

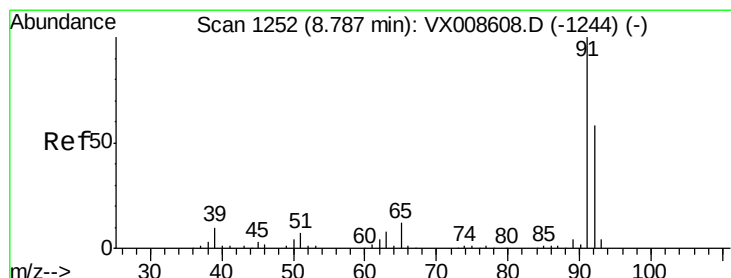
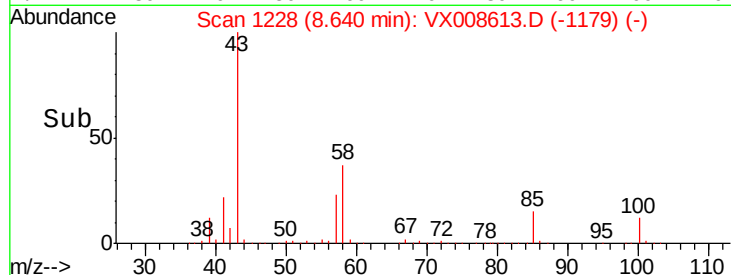
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 19.252 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008613.D

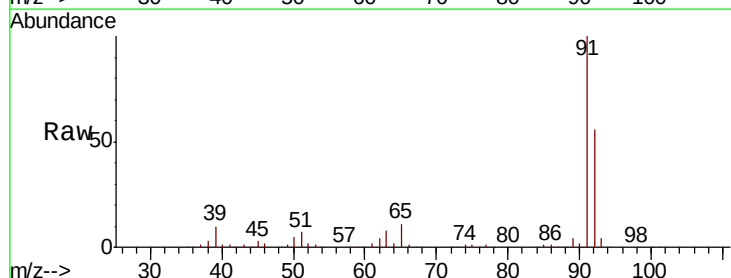
Acq: 03 Apr 2019 12:39

Tgt Ion: 92 Resp: 119779

Ion Ratio Lower Upper

92 100

91 174.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

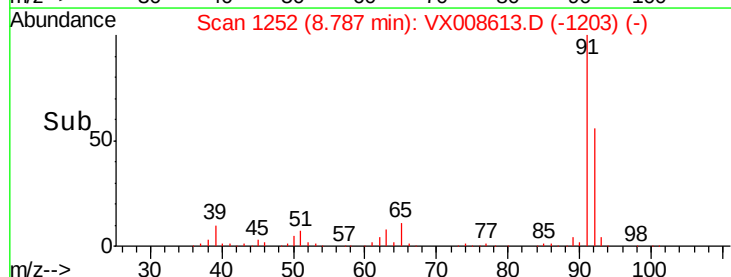
150000

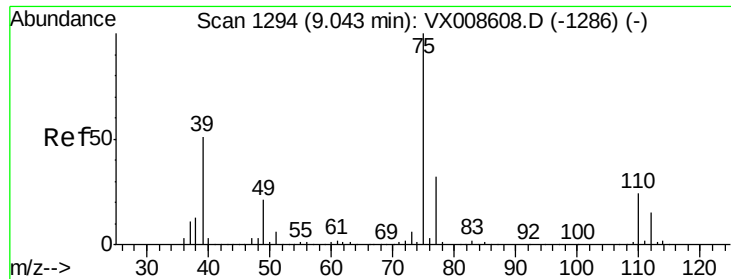
100000

50000

0

Time--> 8.70 8.80 8.90

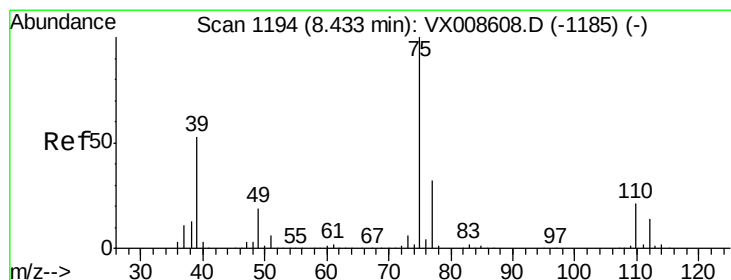
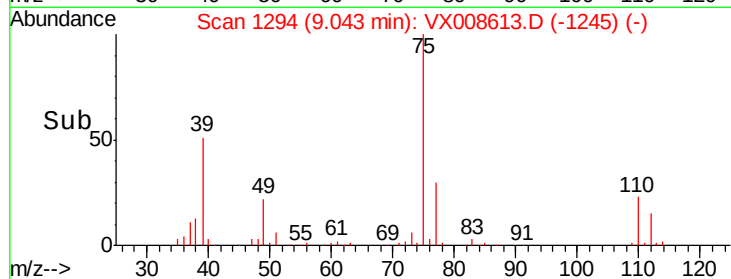
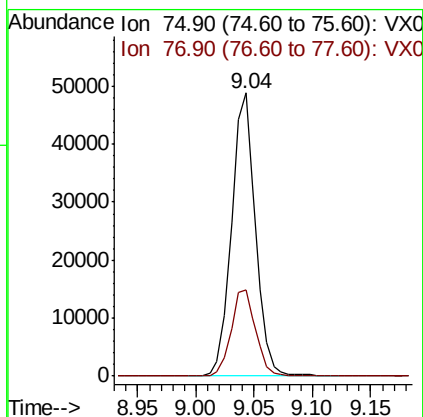
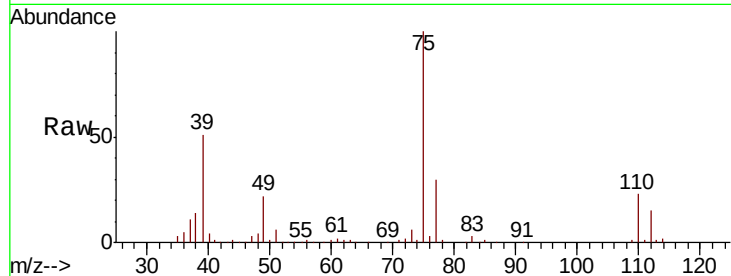




#53
 t-1,3-Dichloropropene
 Concen: 18.912 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

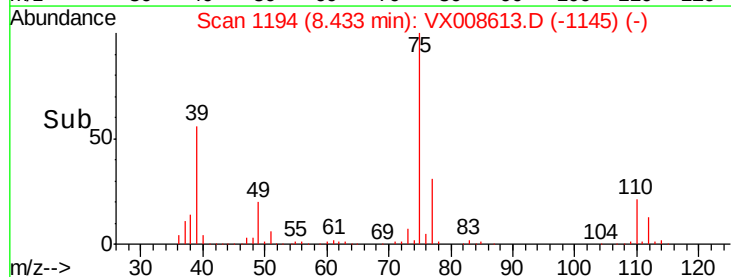
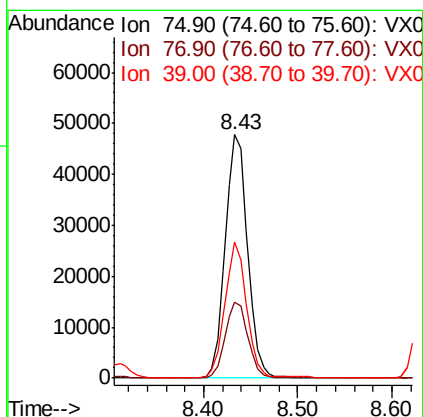
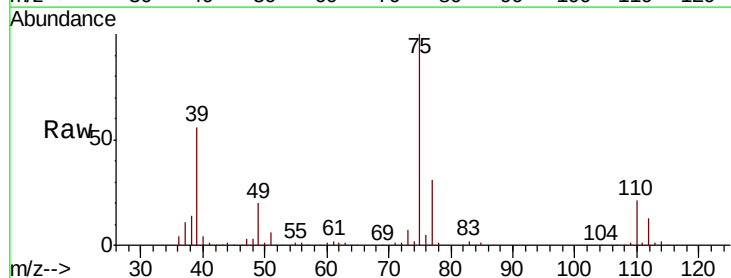
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

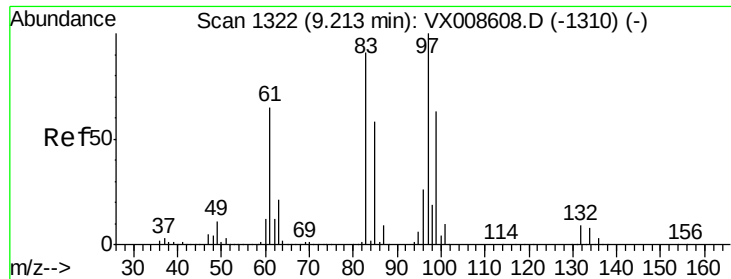
Tot Ion: 75 Resp: 69780
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.688 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion: 75 Resp: 78791
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 56.0 42.6 63.8

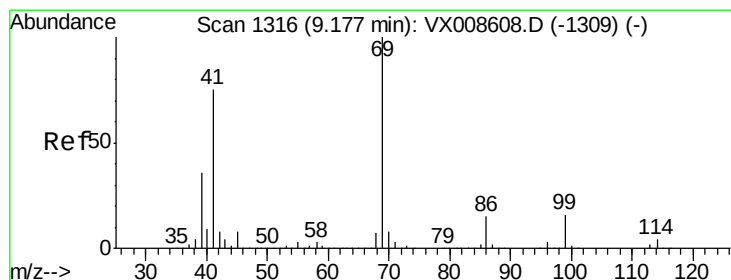
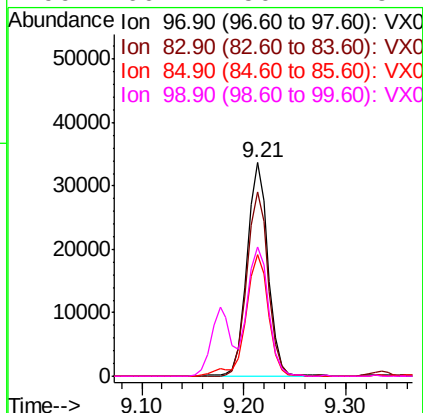
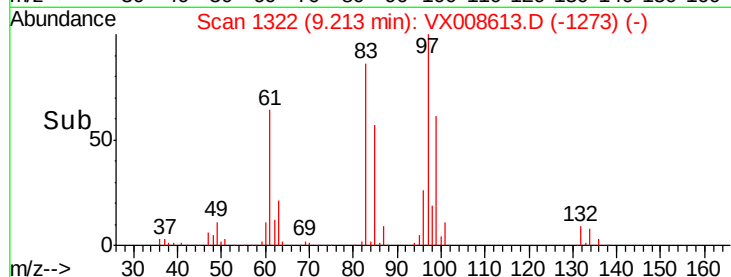
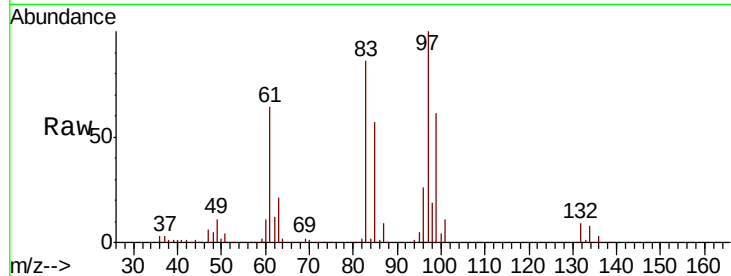




#55
 1,1,2-Trichloroethane
 Concen: 19.502 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

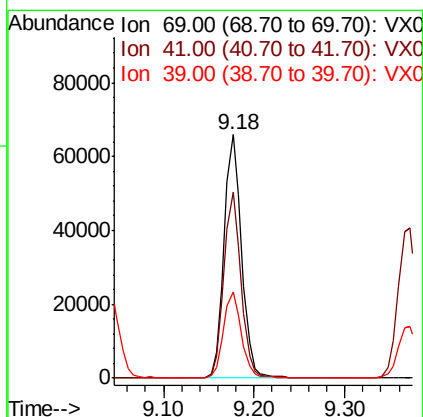
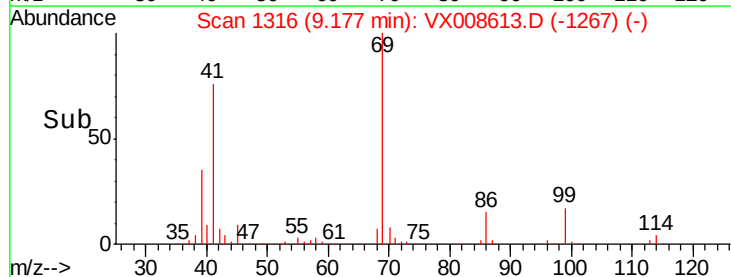
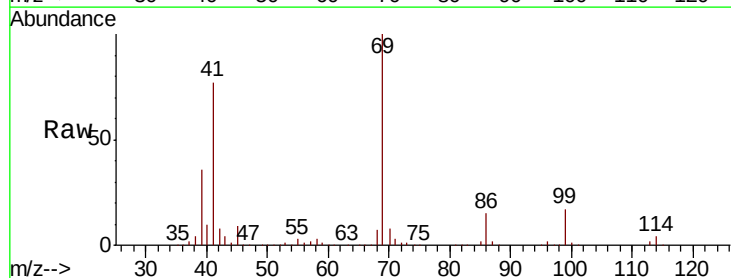
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

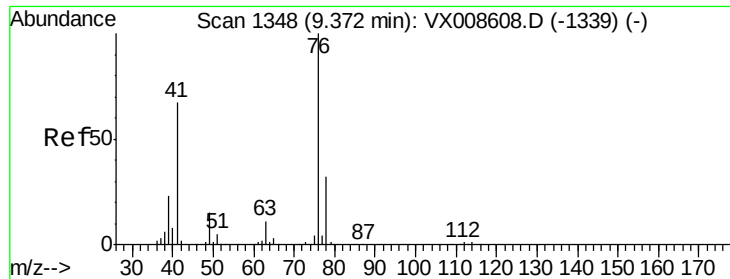
Tot Ion: 97 Resp: 48705
 Ion Ratio Lower Upper
 97 100
 83 86.4 73.2 109.8
 85 56.9 46.6 69.8
 99 60.7 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 19.719 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion: 69 Resp: 89103
 Ion Ratio Lower Upper
 69 100
 41 74.9 60.1 90.1
 39 35.8 28.9 43.3

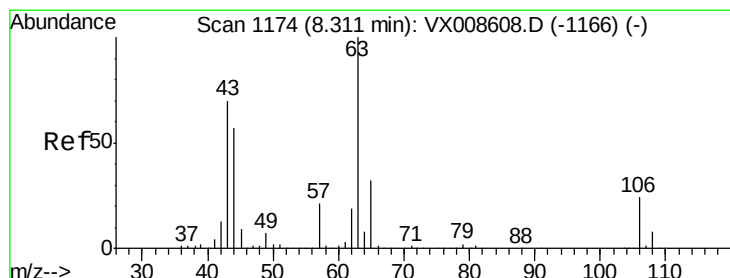
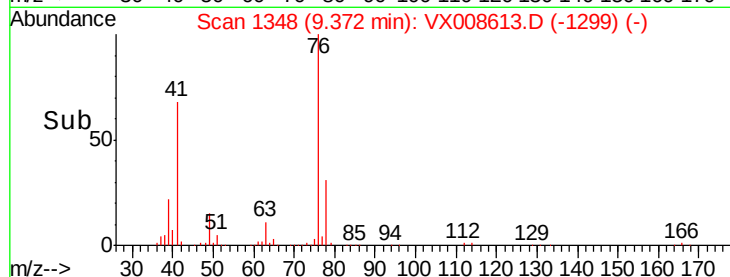
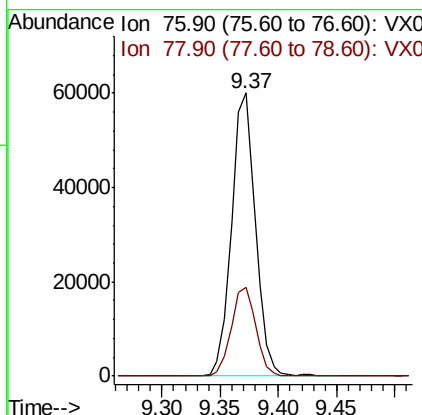
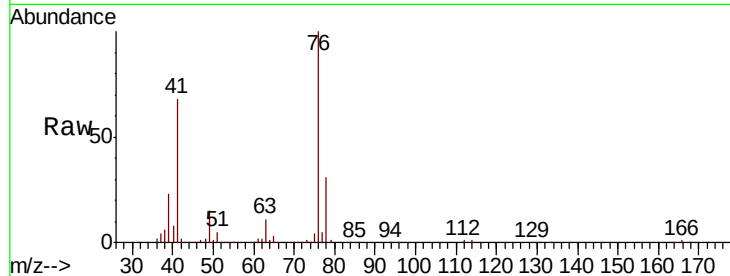




#57
 1,3-Dichloropropane
 Concen: 19.237 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

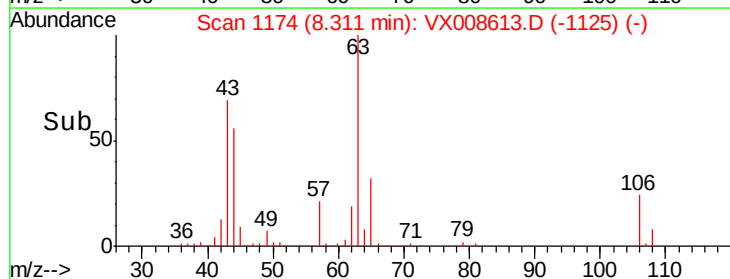
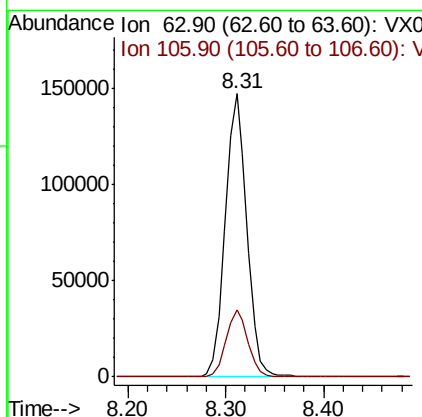
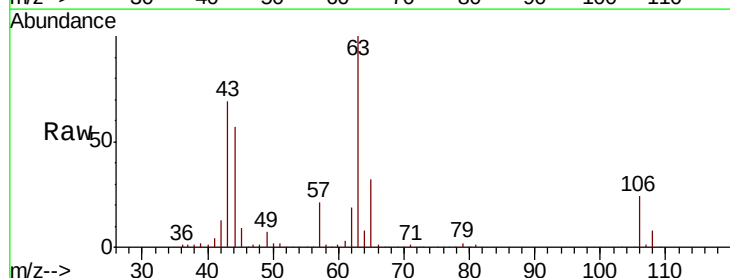
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

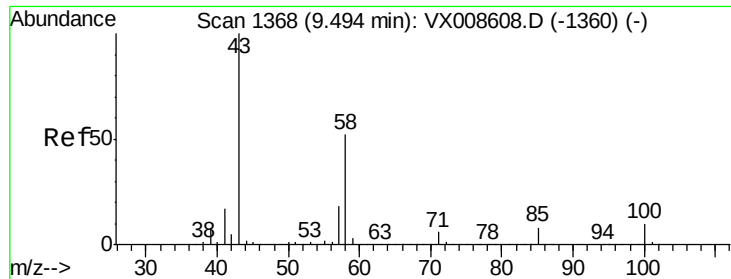
Tot Ion: 76 Resp: 86269
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.493 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion: 63 Resp: 224945
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.0 28.6

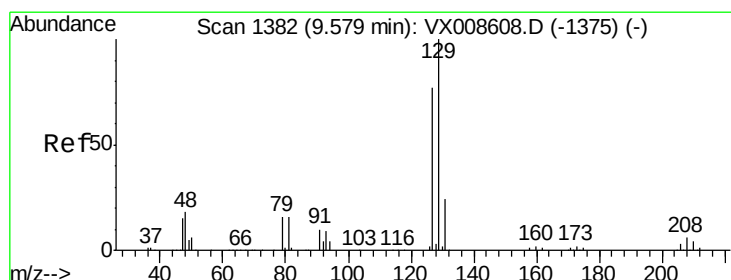
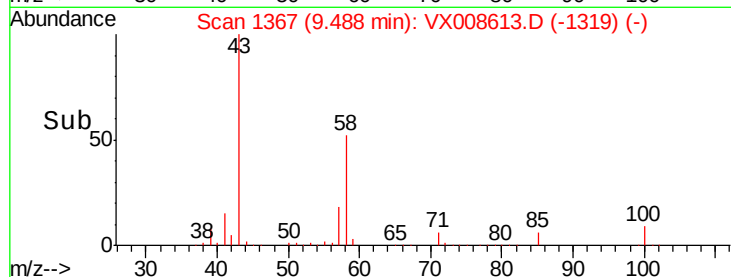
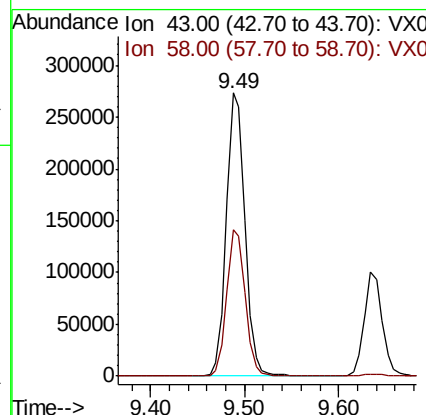
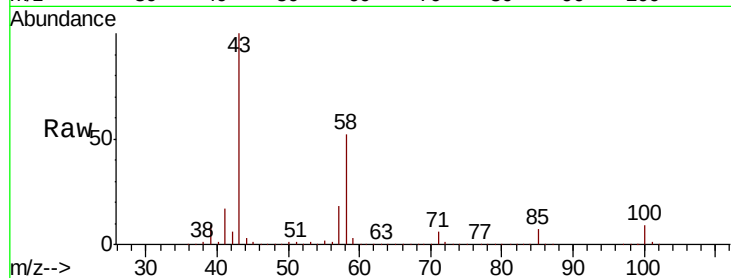




#59
 2-Hexanone
 Concen: 100.998 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

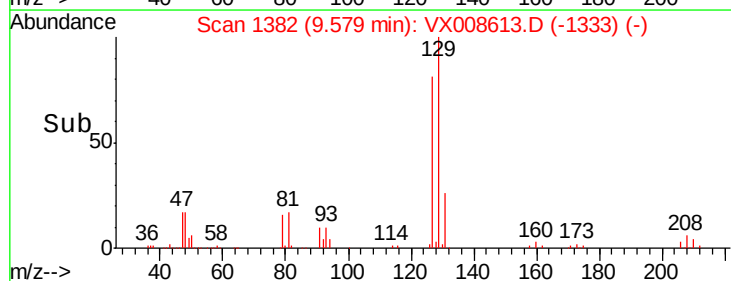
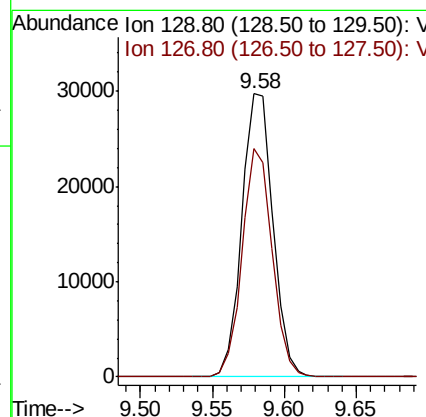
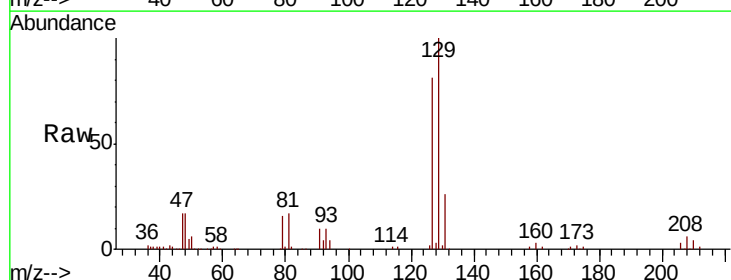
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

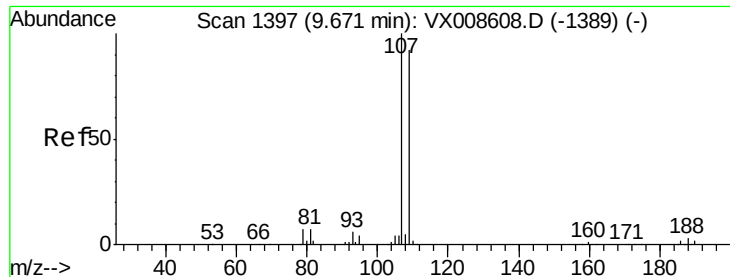
Tot Ion: 43 Resp: 374252
 Ion Ratio Lower Upper
 43 100
 58 51.8 25.9 77.7



#60
 Dibromochloromethane
 Concen: 18.944 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion: 129 Resp: 44583
 Ion Ratio Lower Upper
 129 100
 127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.108 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

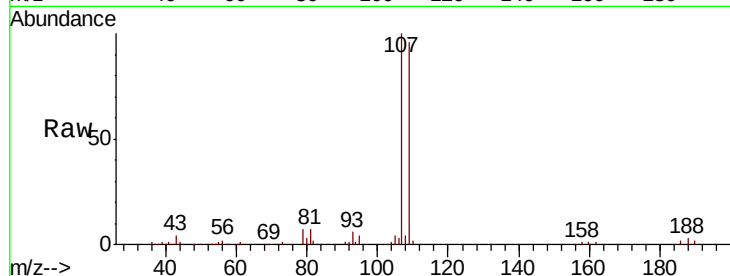
VSTDIC020

Tot Ion: 107 Resp: 49679

Ion Ratio Lower Upper

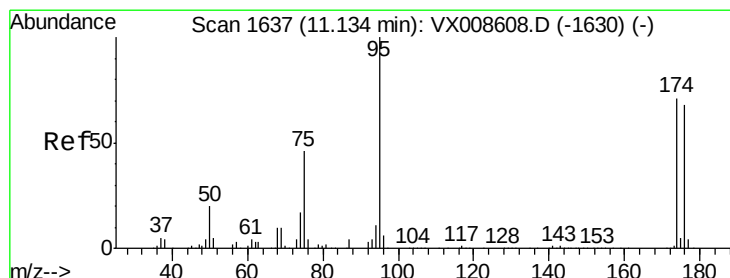
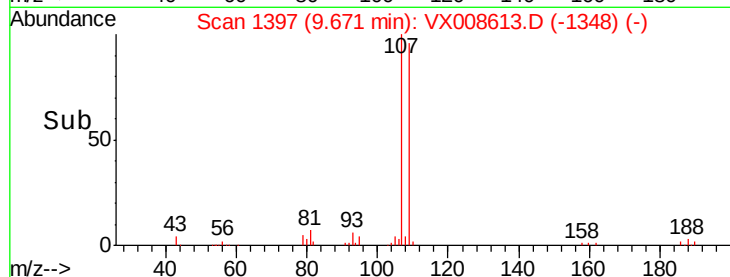
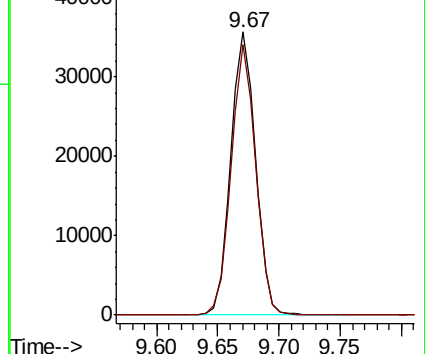
107 100

109 94.5 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.580 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

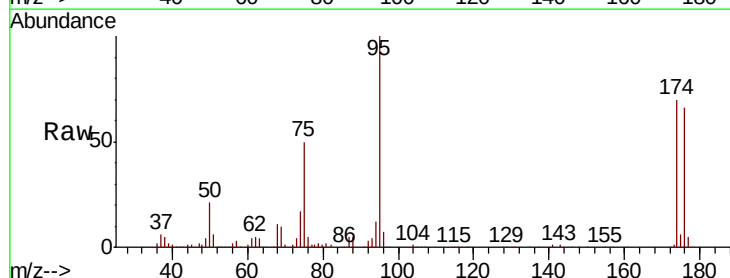
Tgt Ion: 95 Resp: 57284

Ion Ratio Lower Upper

95 100

174 76.0 0.0 151.8

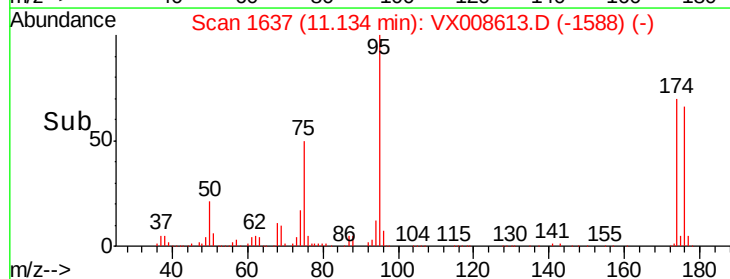
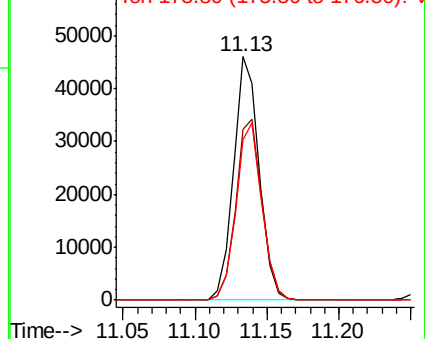
176 72.9 0.0 145.8

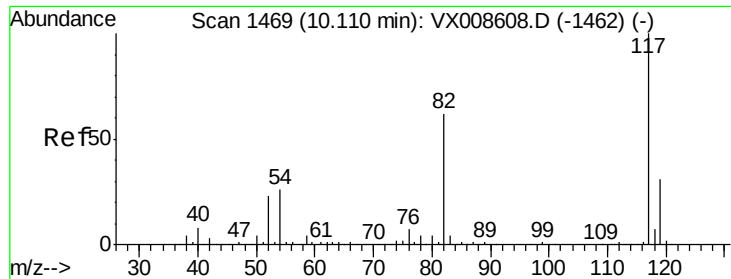


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

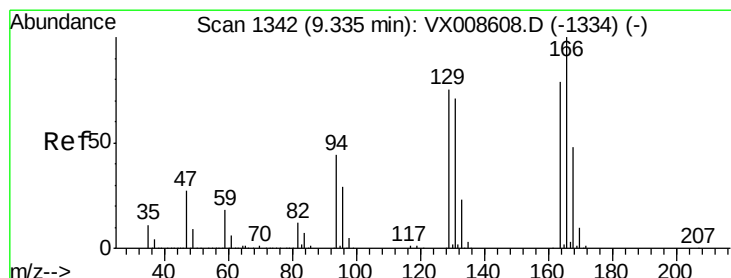
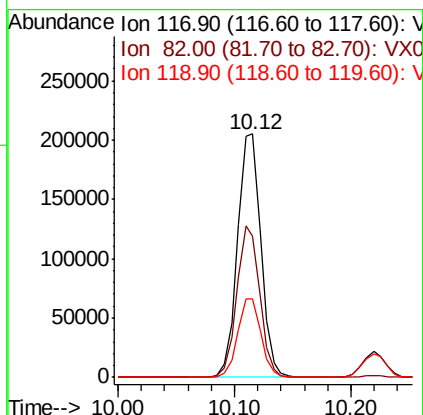
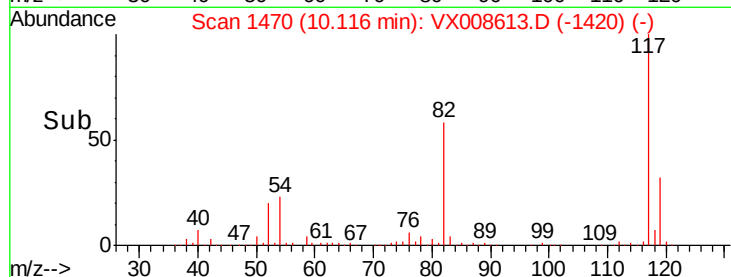
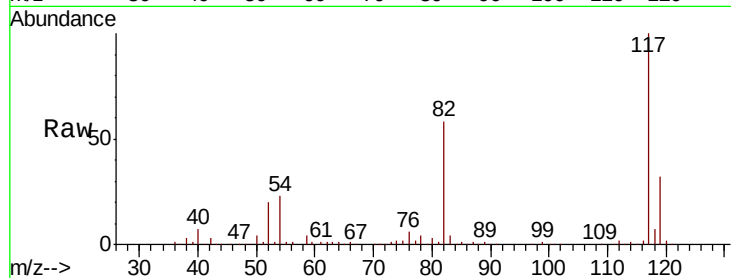




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

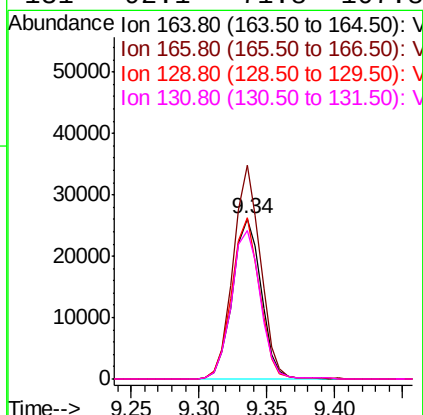
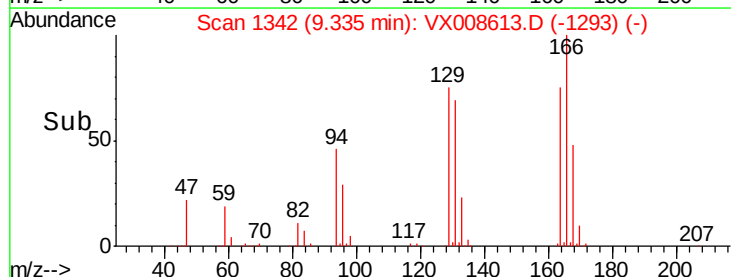
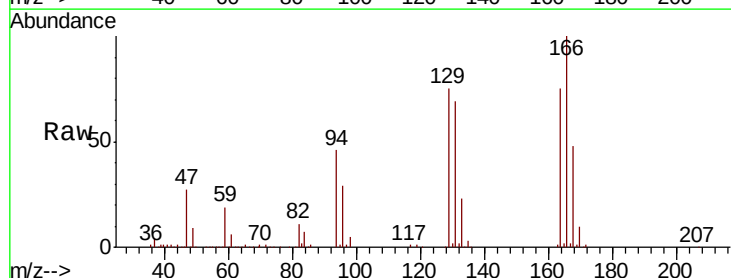
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

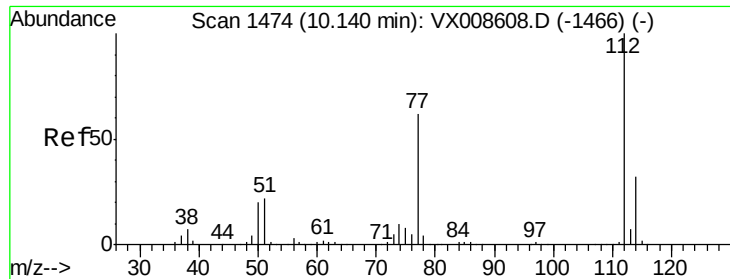
Tot Ion:117 Resp: 288270
Ion Ratio Lower Upper
117 100
82 58.2 49.6 74.4
119 32.1 25.0 37.4



#64
Tetrachloroethene
Concen: 17.979 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Tgt Ion:164 Resp: 38399
Ion Ratio Lower Upper
164 100
166 132.9 101.0 151.6
129 100.2 75.8 113.8
131 92.1 71.8 107.8





#65

Chlorobenzene

Concen: 18.782 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

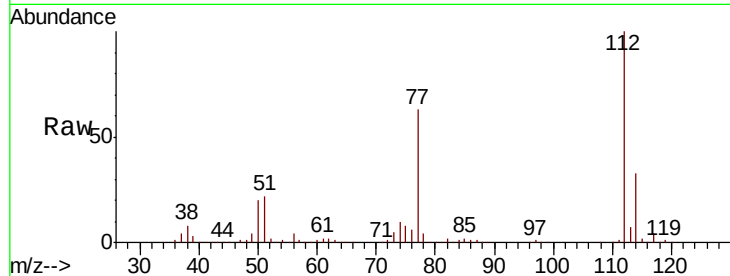
VSTDIC020

Tot Ion:112 Resp: 120020

Ion Ratio Lower Upper

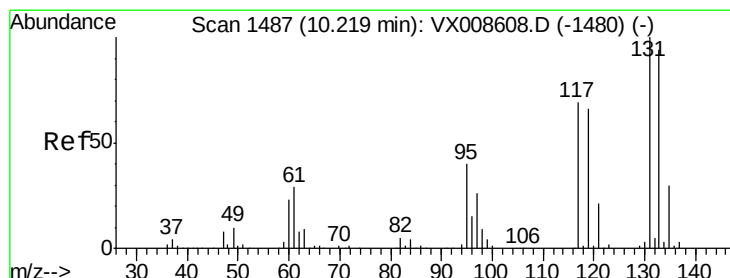
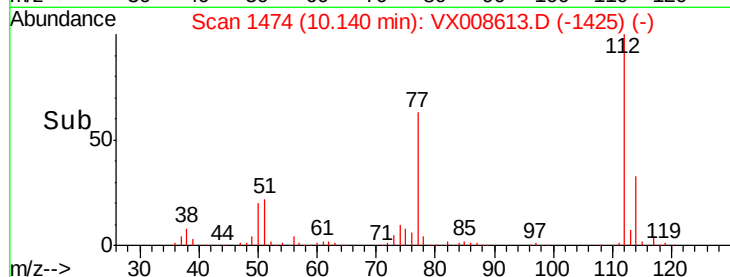
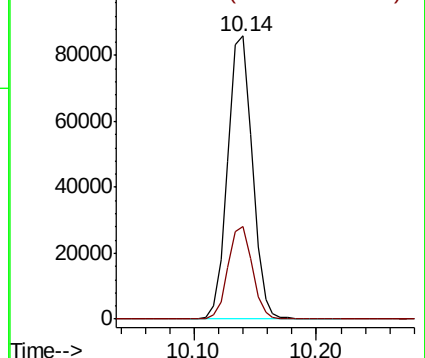
112 100

114 32.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.772 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

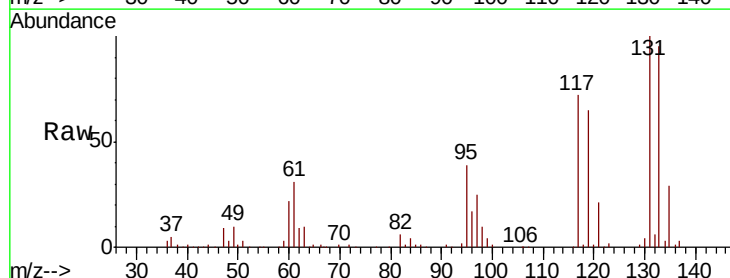
Tgt Ion:131 Resp: 42082

Ion Ratio Lower Upper

131 100

133 93.8 47.0 141.2

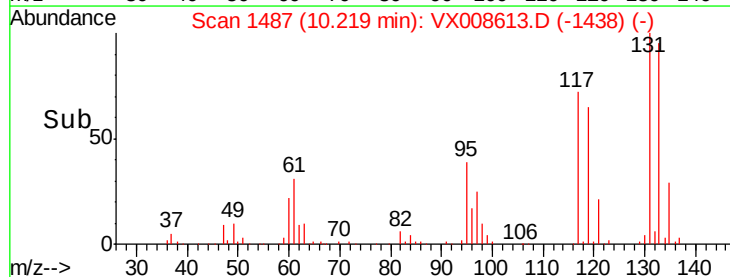
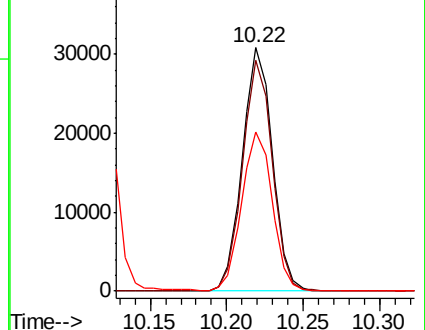
119 66.7 33.7 101.0

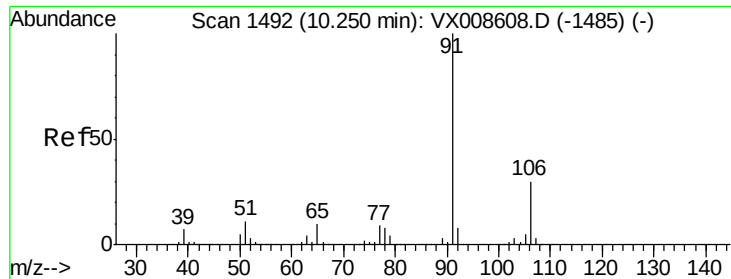


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.017 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

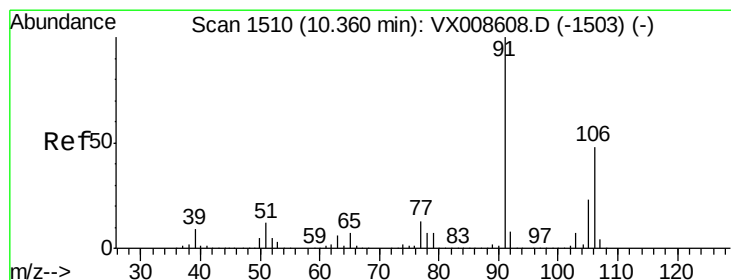
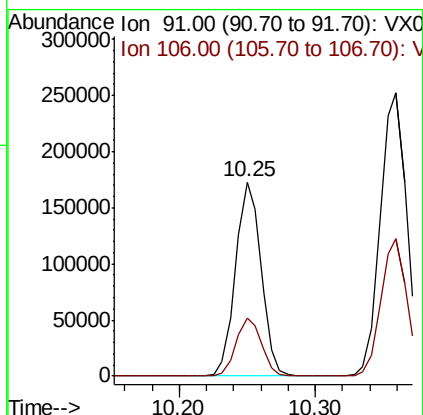
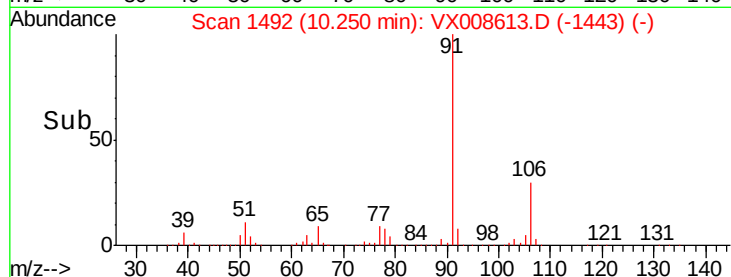
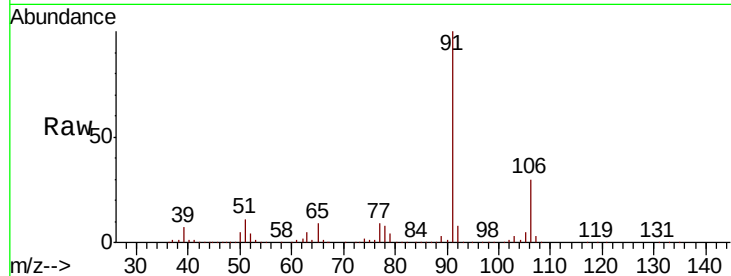
VSTDIC020

Tot Ion: 91 Resp: 226599

Ion Ratio Lower Upper

91 100

106 29.8 23.7 35.5



#68

m/p-Xylenes

Concen: 38.027 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008613.D

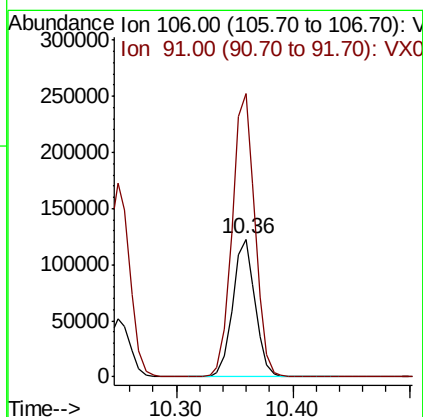
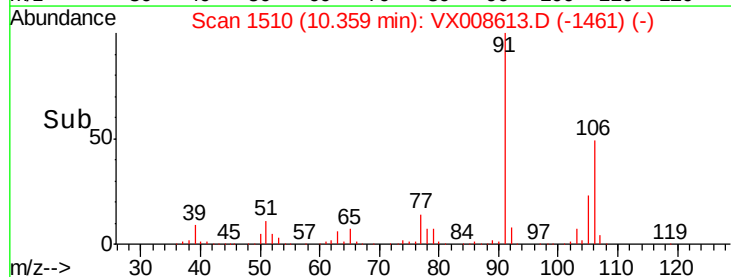
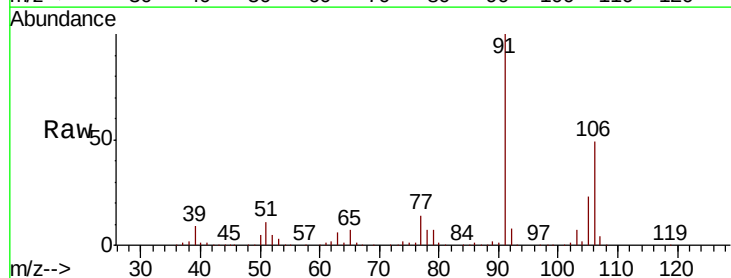
Acq: 03 Apr 2019 12:39

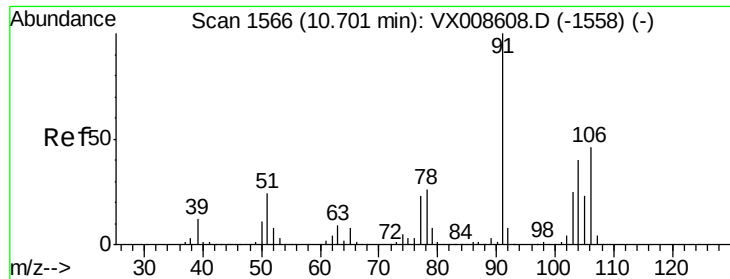
Tgt Ion: 106 Resp: 162915

Ion Ratio Lower Upper

106 100

91 210.3 168.5 252.7

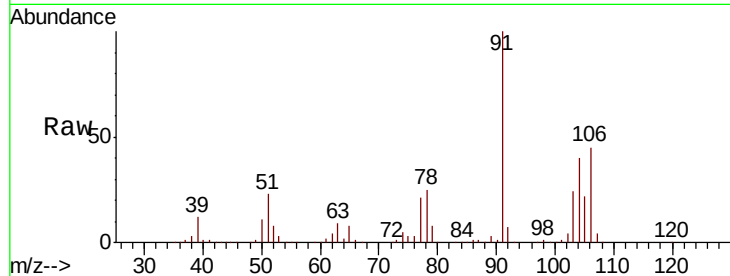




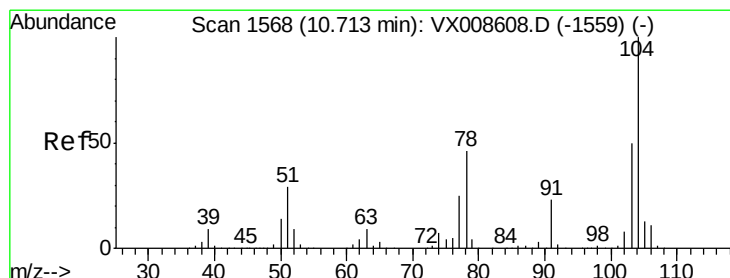
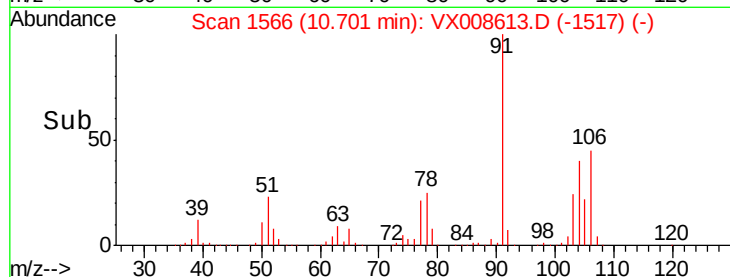
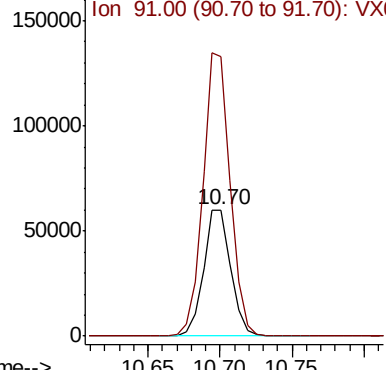
#69
o-Xylene
Concen: 19.090 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:106 Resp: 79258
Ion Ratio Lower Upper
106 100
91 223.6 111.5 334.4

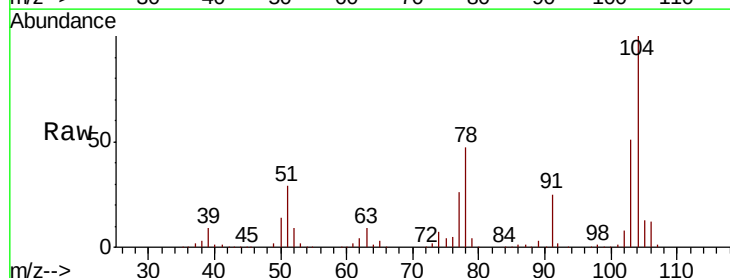


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

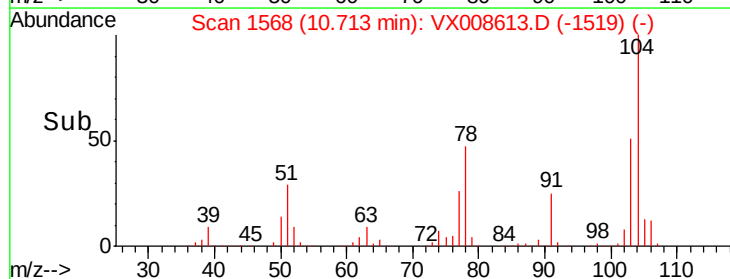
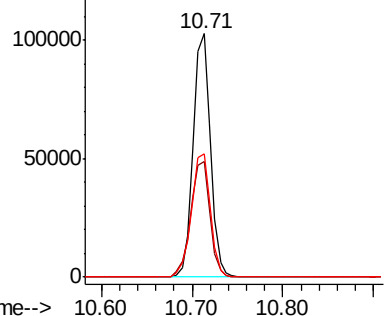


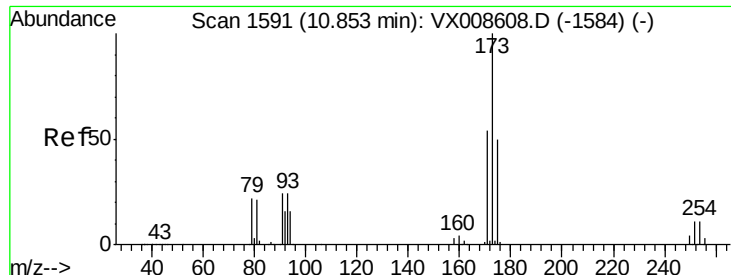
#70
Styrene
Concen: 19.144 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Tgt Ion:104 Resp: 137009
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 55.7 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.897 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

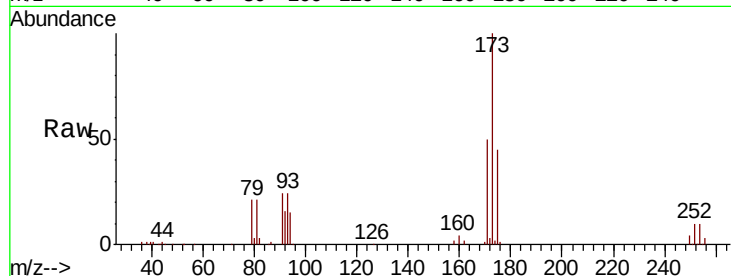
Tot Ion:173 Resp: 32354

Ion Ratio Lower Upper

173 100

175 46.7 24.9 74.6

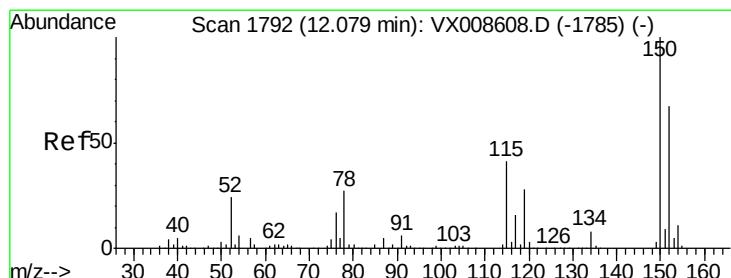
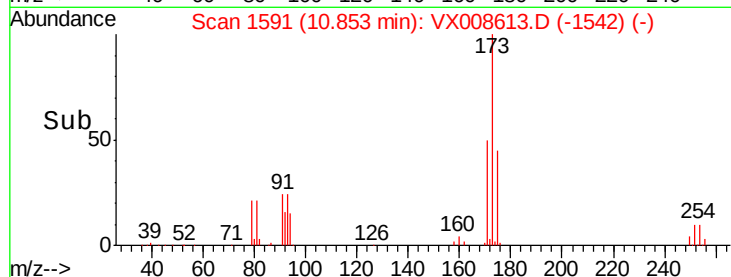
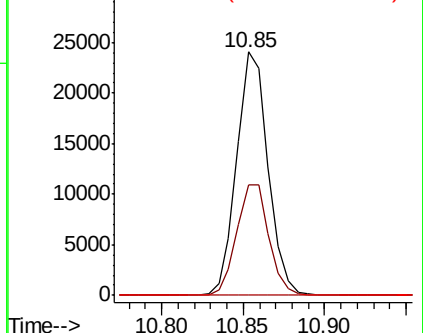
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

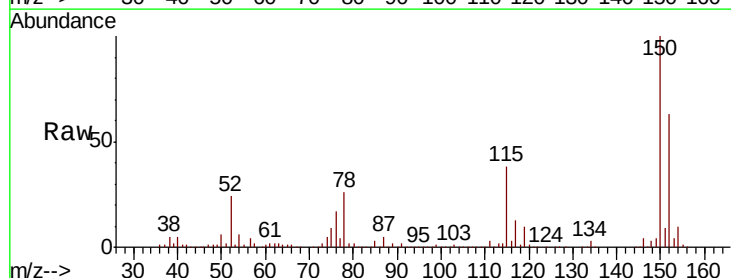
Tgt Ion:152 Resp: 130745

Ion Ratio Lower Upper

152 100

115 71.3 43.5 130.5

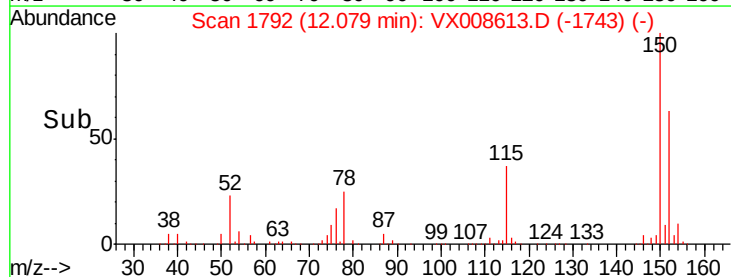
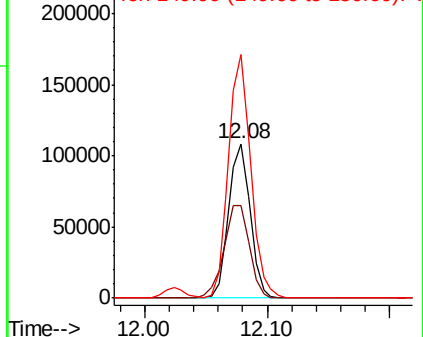
150 165.1 0.0 348.8

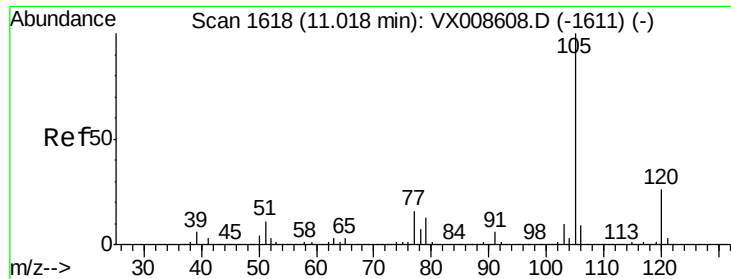


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.431 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

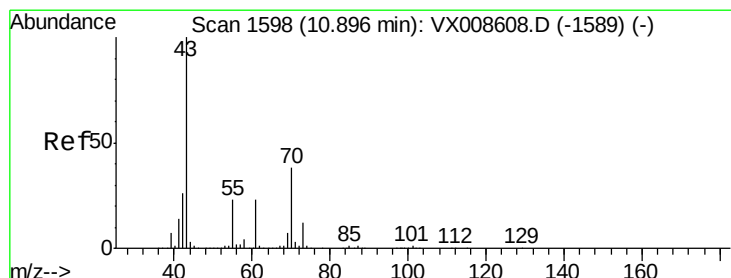
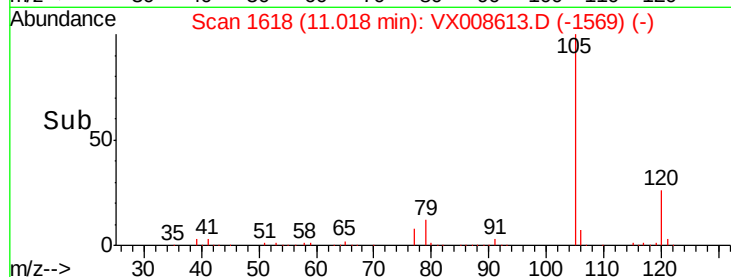
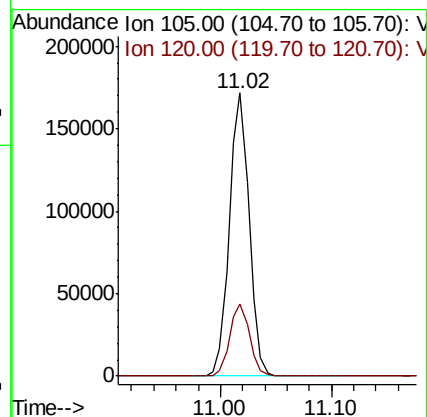
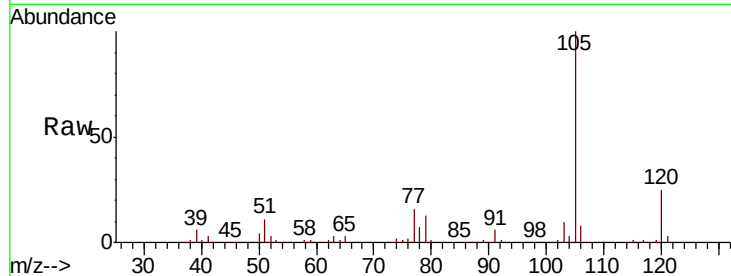
VSTDIC020

Tot Ion:105 Resp: 210539

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 19.734 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Tgt Ion: 43 Resp: 125798

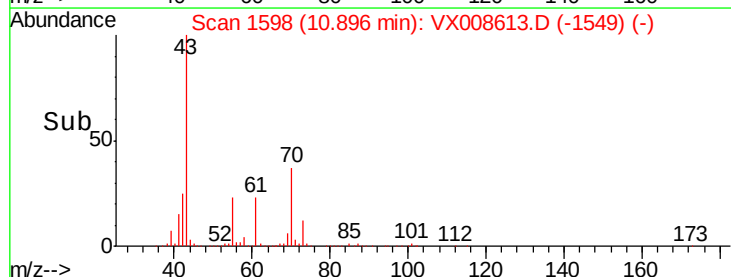
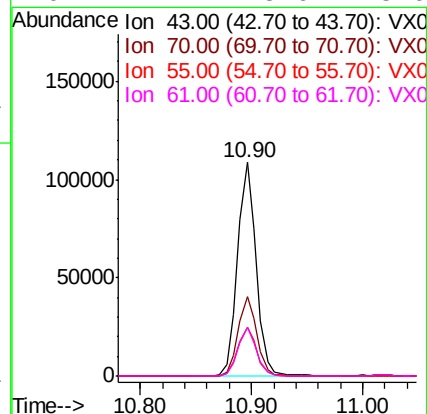
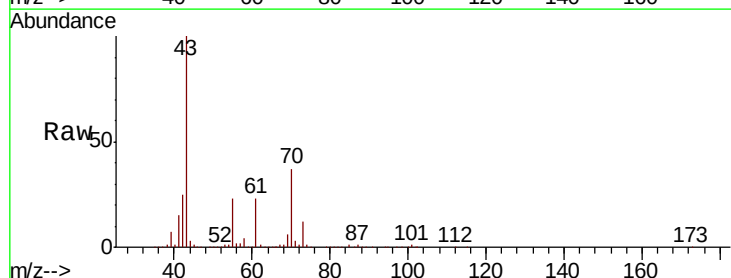
Ion Ratio Lower Upper

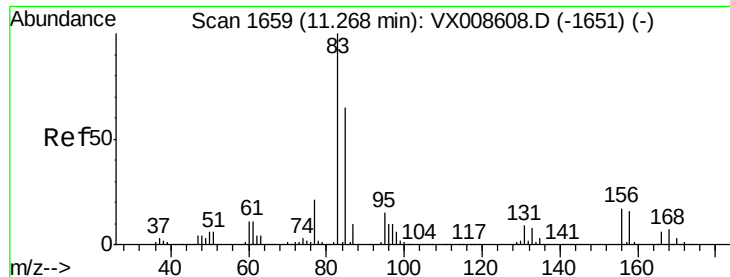
43 100

70 37.5 30.2 45.4

55 23.5 18.2 27.4

61 22.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.506 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

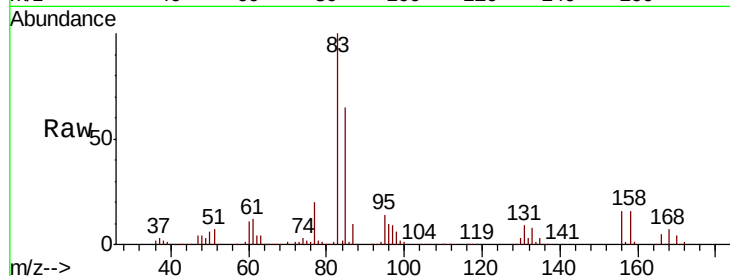
Tot Ion: 83 Resp: 80380

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.7

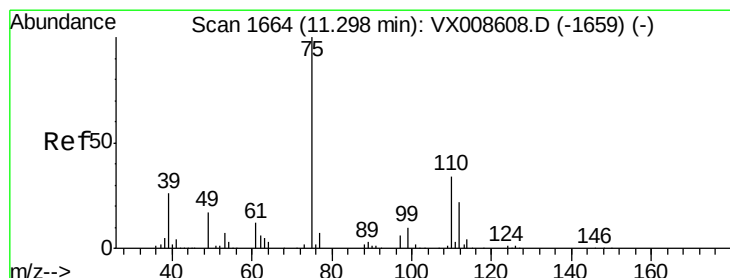
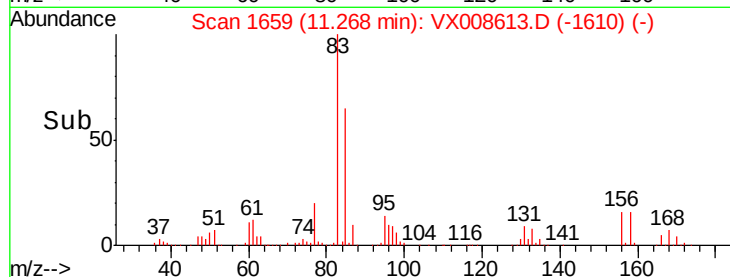
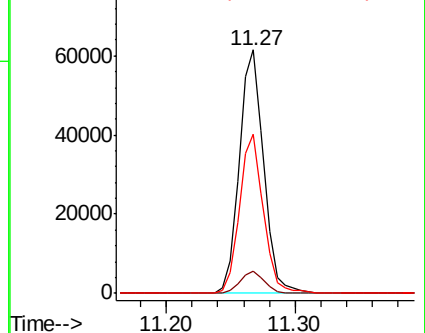
85 64.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.141 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008613.D

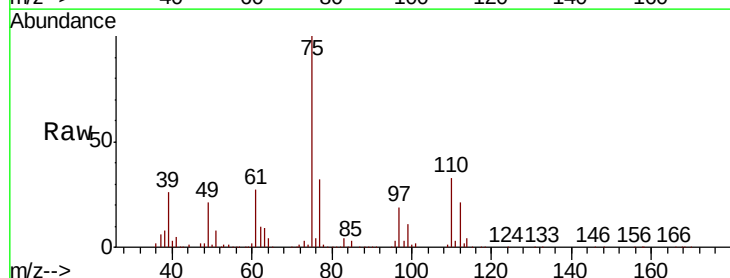
Acq: 03 Apr 2019 12:39

Tgt Ion: 75 Resp: 93309

Ion Ratio Lower Upper

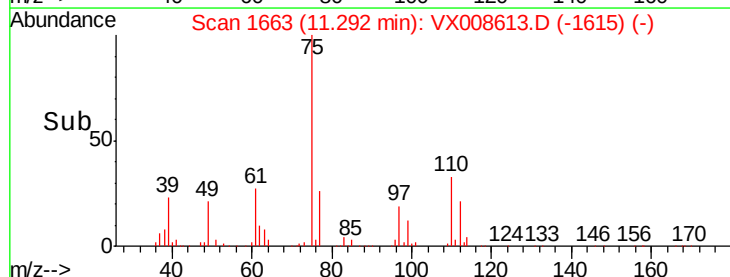
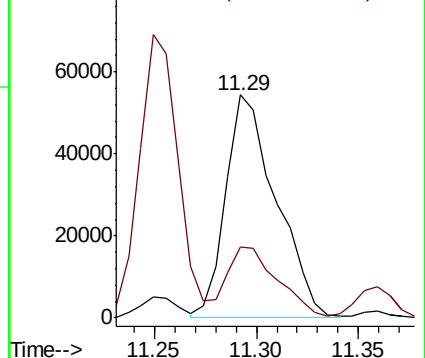
75 100

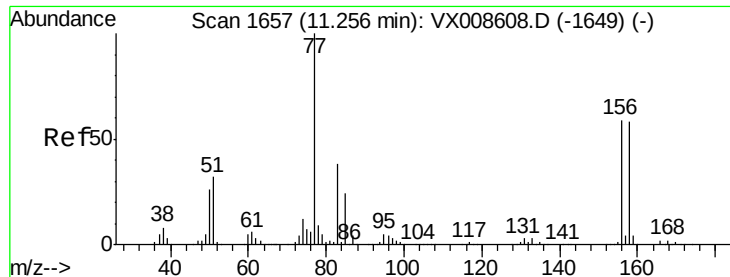
77 32.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.241 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

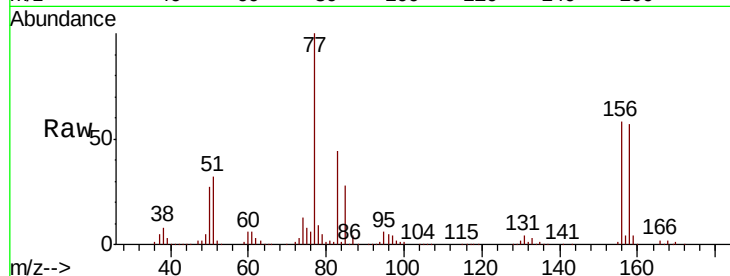
Tot Ion:156 Resp: 50119

Ion Ratio Lower Upper

156 100

77 180.1 89.8 269.6

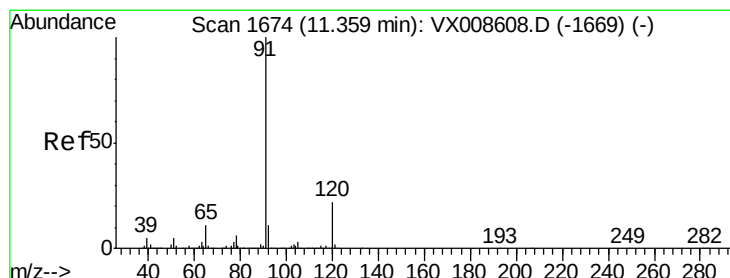
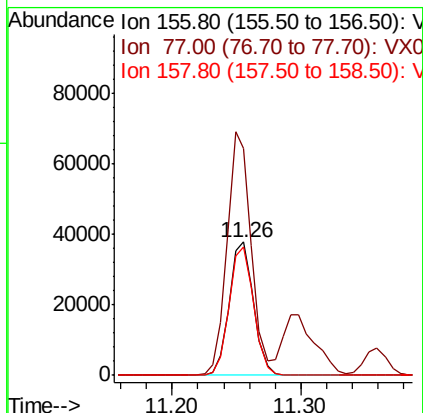
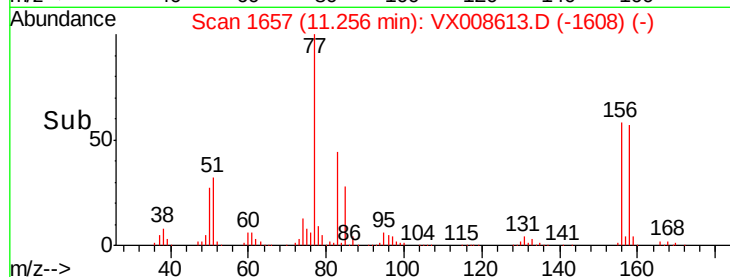
158 97.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.237 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008613.D

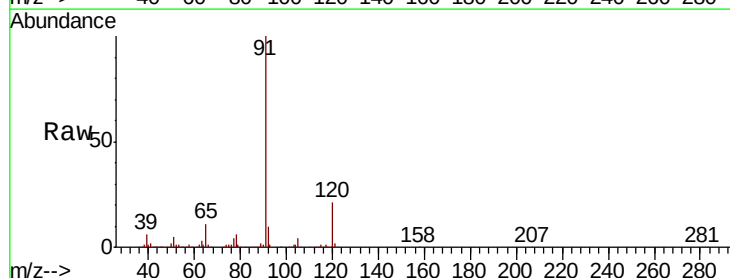
Acq: 03 Apr 2019 12:39

Tgt Ion: 91 Resp: 242700

Ion Ratio Lower Upper

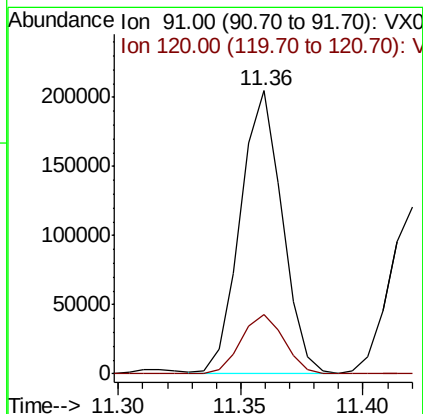
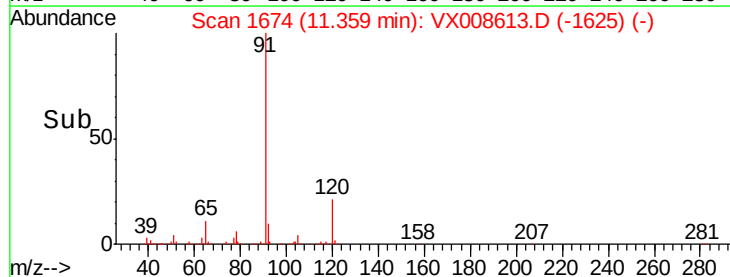
91 100

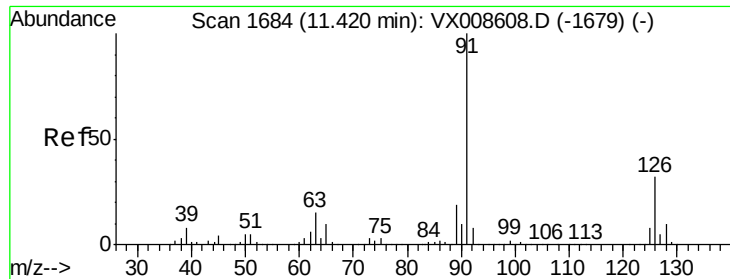
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

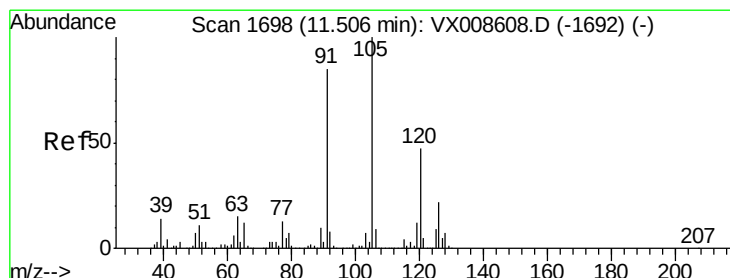
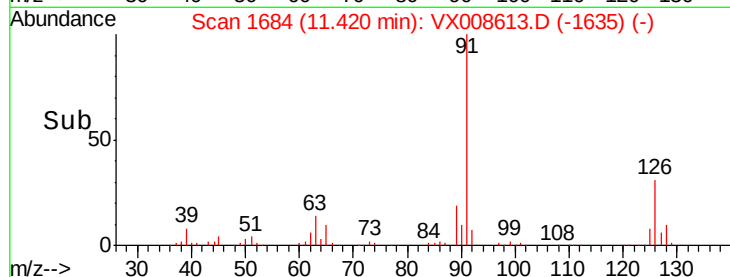
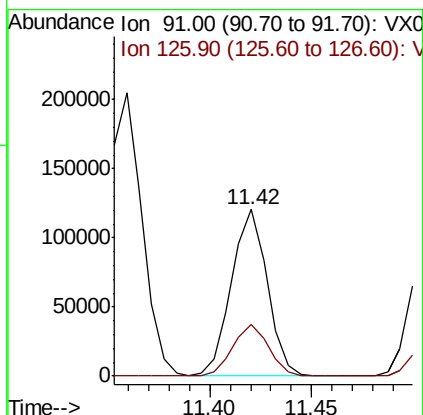
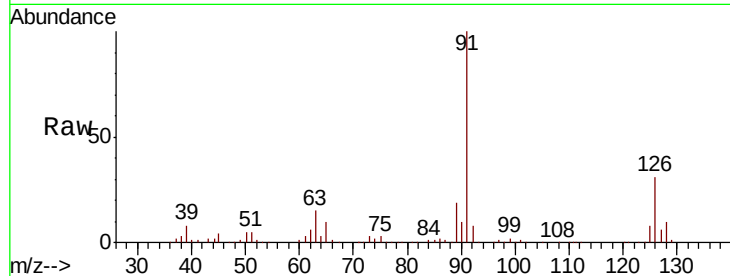




#79
 2-Chlorotoluene
 Concen: 19.116 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

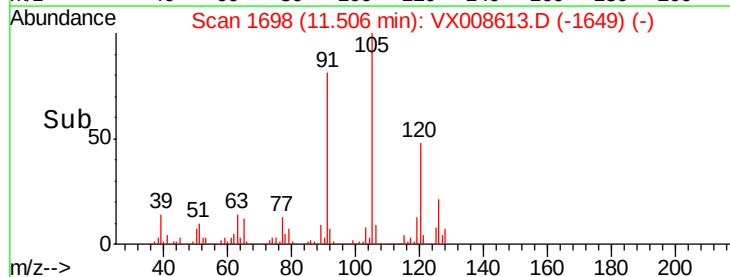
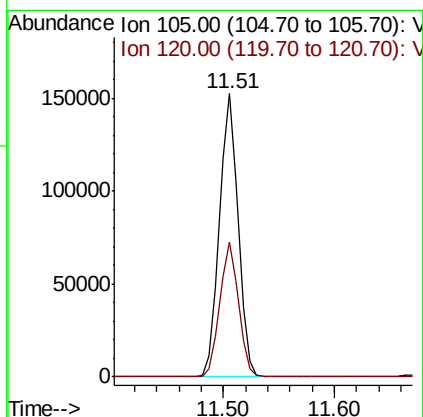
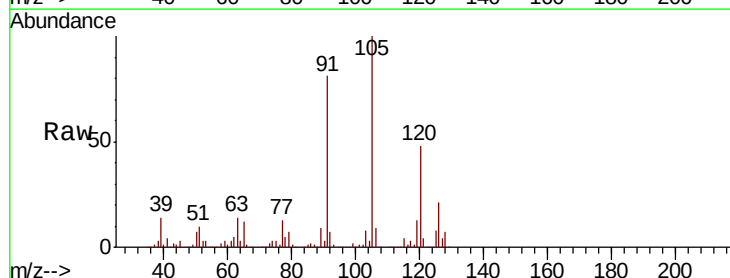
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

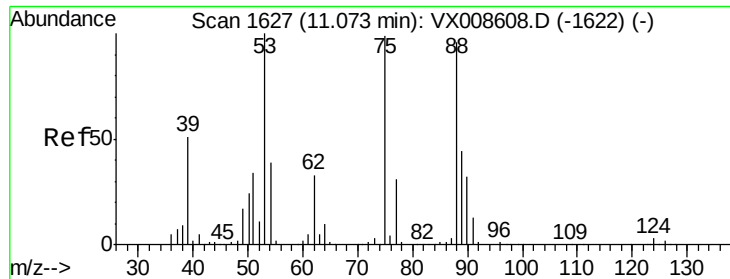
Tot Ion: 91 Resp: 145943
 Ion Ratio Lower Upper
 91 100
 126 31.4 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.505 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion:105 Resp: 177399
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.406 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

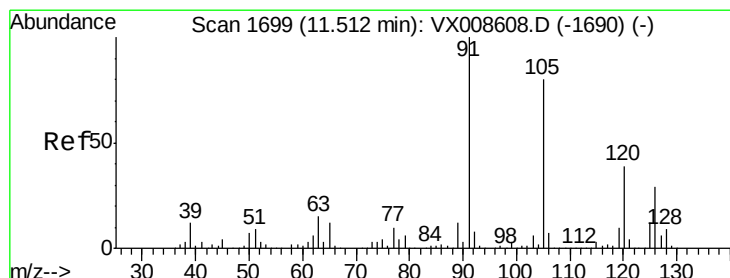
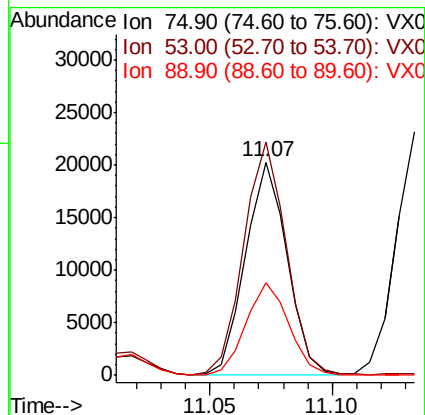
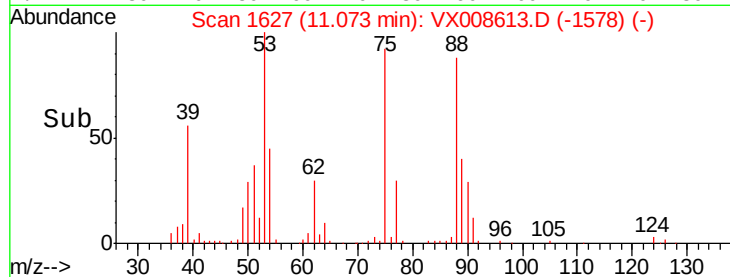
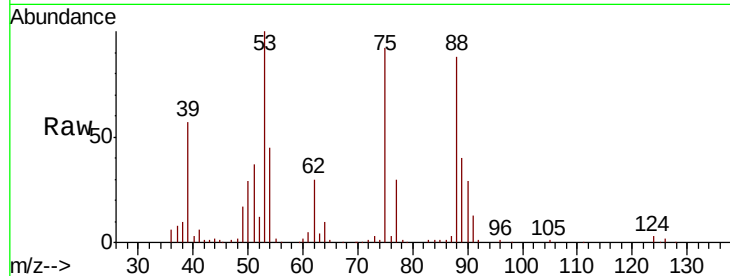
Tot Ion: 75 Resp: 23983

Ion Ratio Lower Upper

75 100

53 111.5 81.3 121.9

89 45.1 35.6 53.4



#82

4-Chlorotoluene

Concen: 18.606 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008613.D

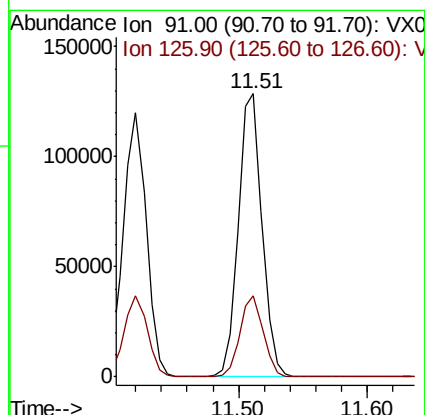
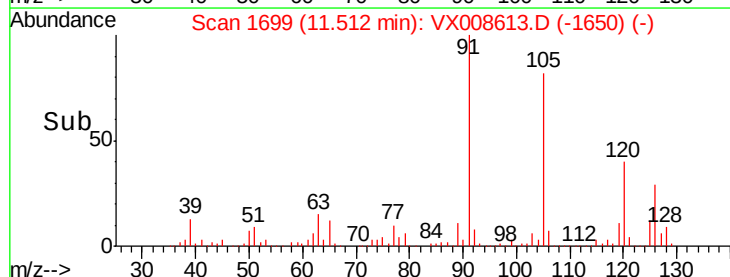
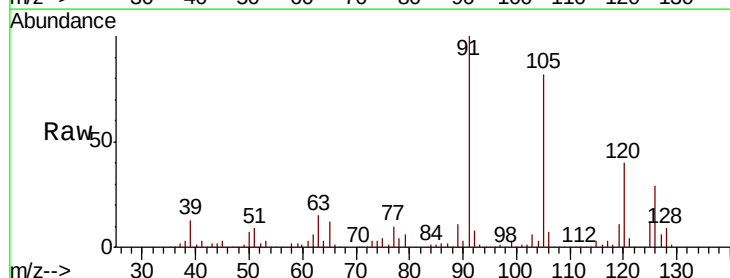
Acq: 03 Apr 2019 12:39

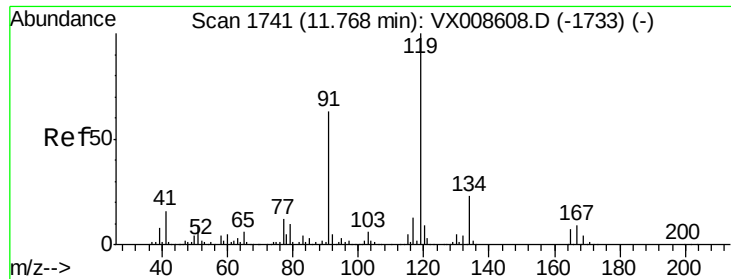
Tgt Ion: 91 Resp: 164430

Ion Ratio Lower Upper

91 100

126 28.3 13.9 41.6

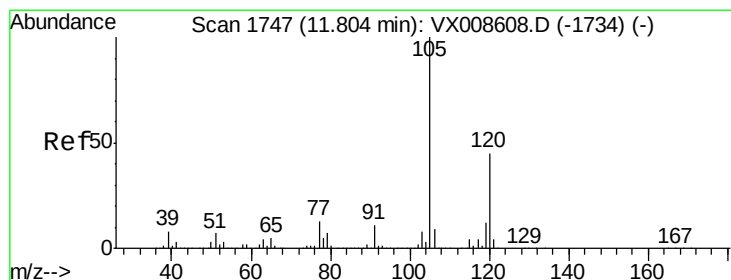
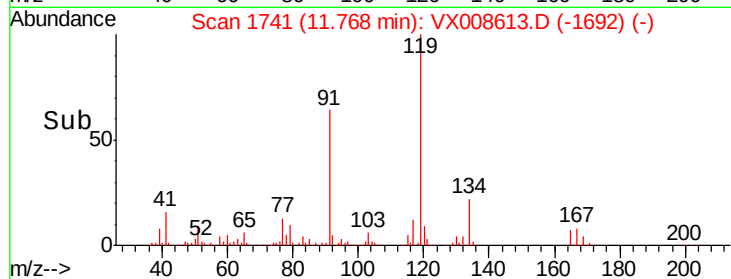
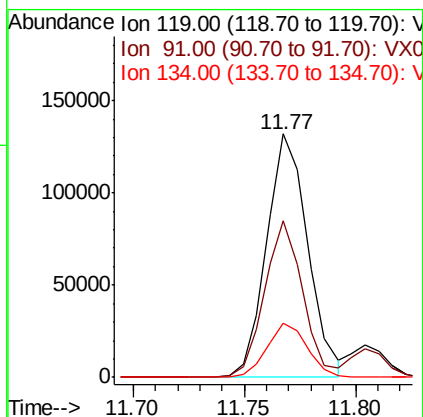
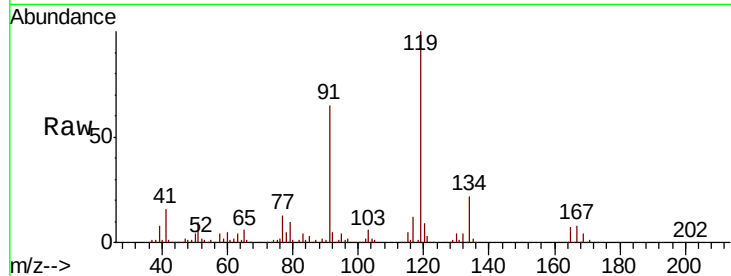




#83
 tert-Butylbenzene
 Concen: 19.406 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

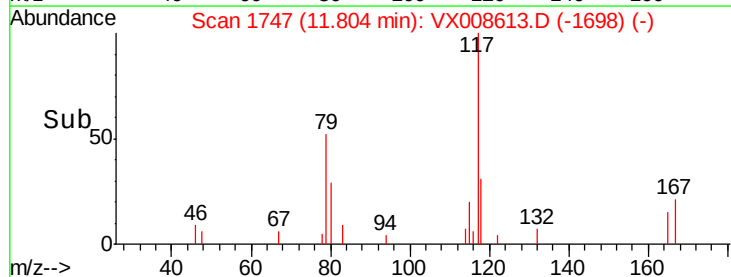
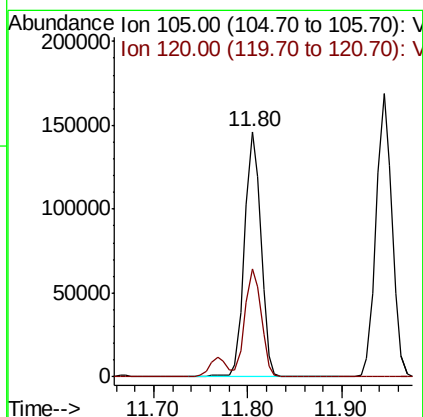
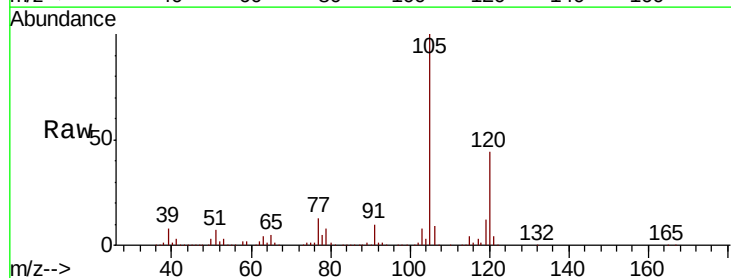
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

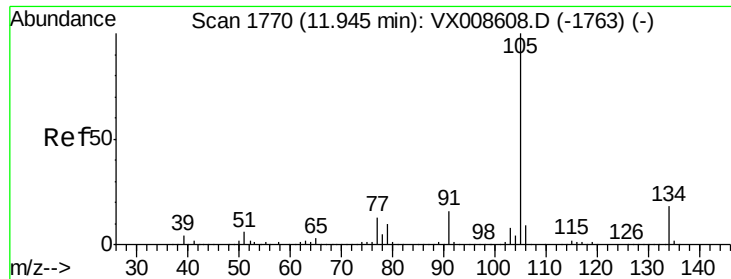
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	30.0	90.1
134	21.8	11.1	33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.358 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.8	65.3





#85

sec-Butylbenzene

Concen: 19.193 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

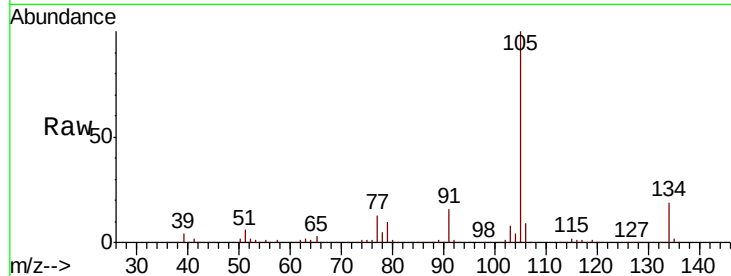
VSTDIC020

Tot Ion:105 Resp: 199486

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

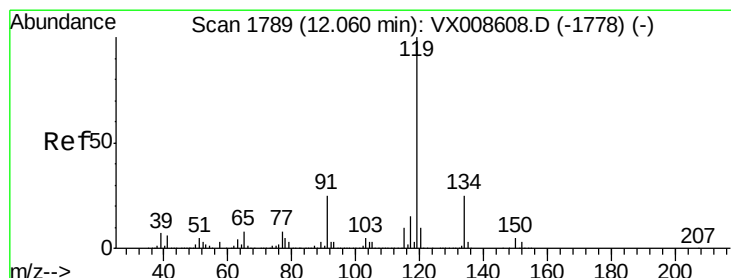
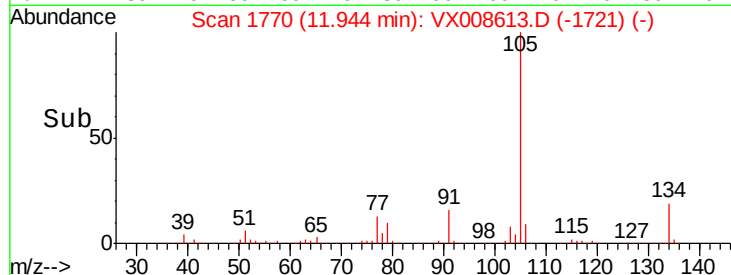
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.228 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

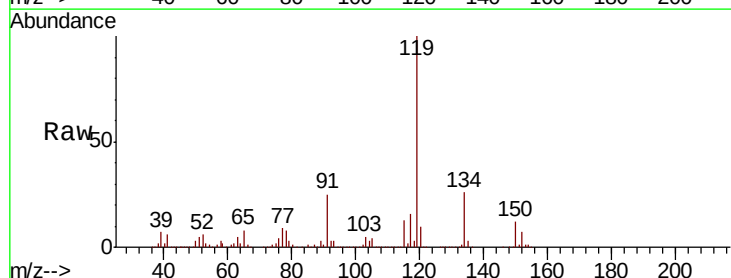
Tgt Ion:119 Resp: 179375

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 24.4 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

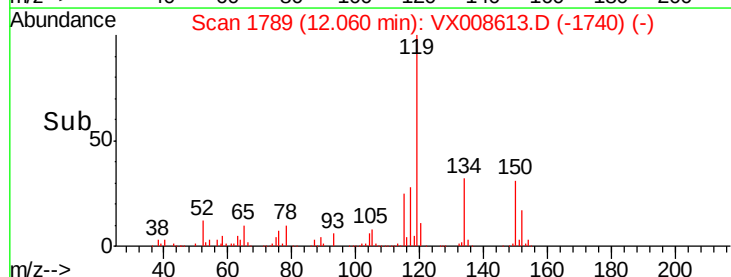
150000

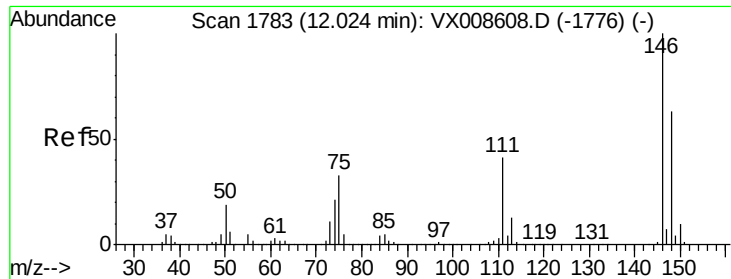
100000

50000

0

Time--> 12.00 12.10 12.20

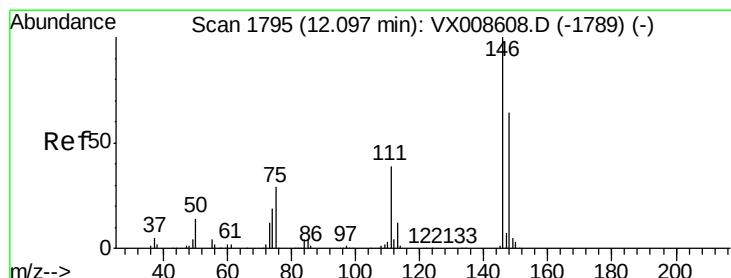
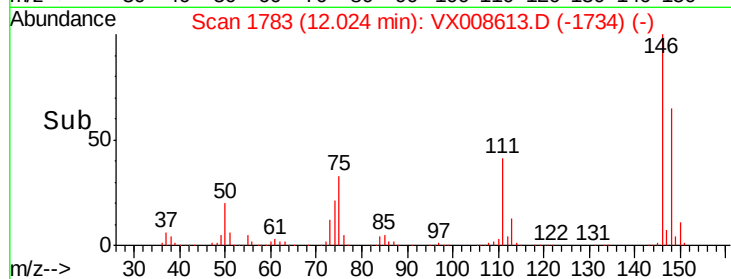
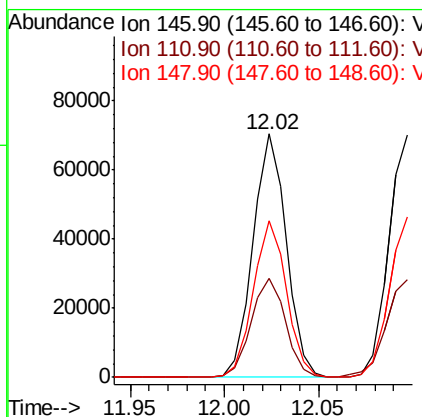
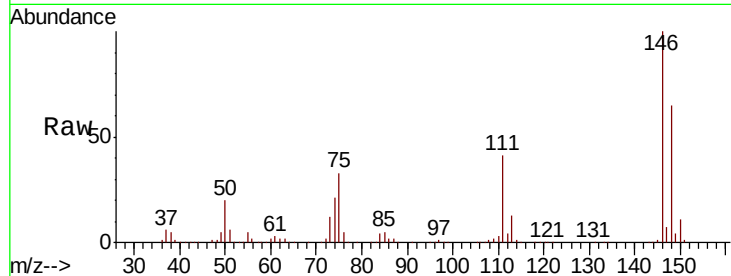




#87
 1,3-Dichlorobenzene
 Concen: 18.522 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

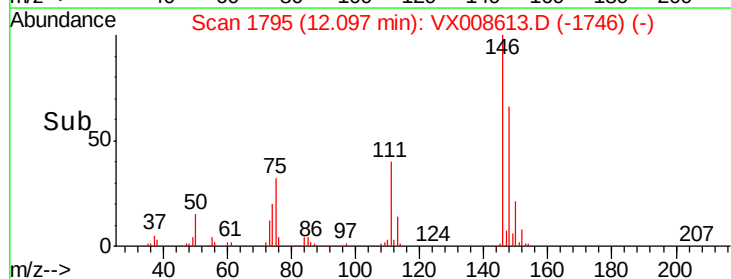
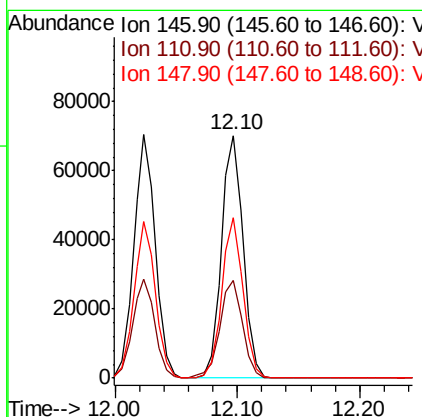
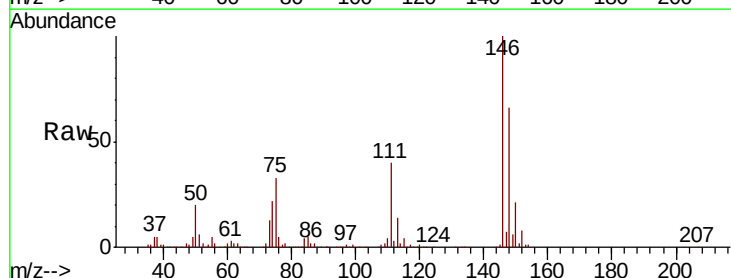
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

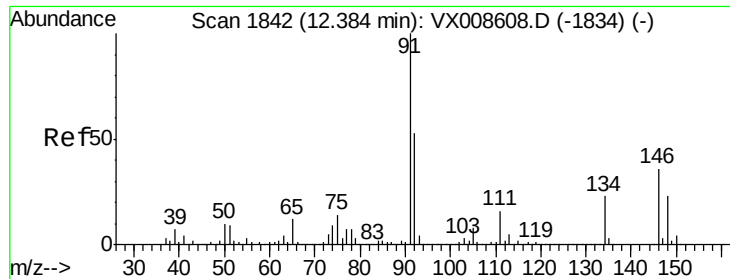
Tot Ion:146 Resp: 86371
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.5
 148 64.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 18.206 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion:146 Resp: 85967
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.2 60.6
 148 65.0 32.0 96.0





#89

n-Butylbenzene

Concen: 18.709 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008613.D

Acq: 03 Apr 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

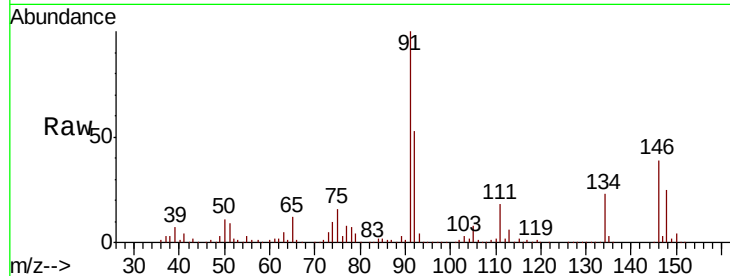
Tot Ion: 91 Resp: 163683

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

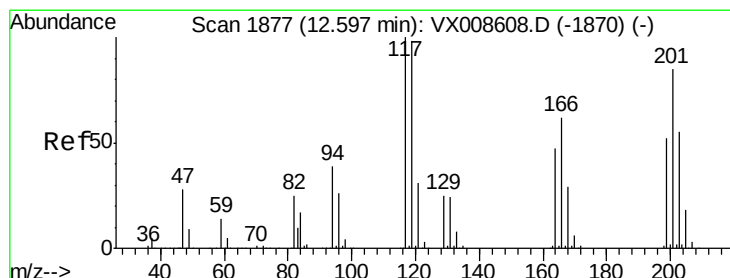
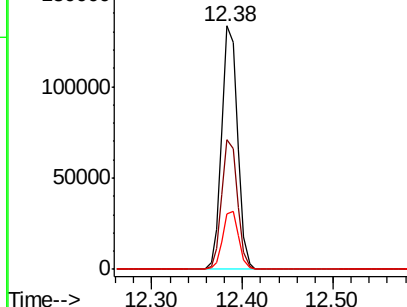
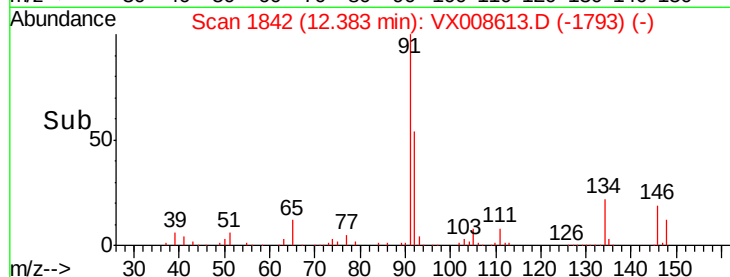
134 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX008613.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX008613.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX008613.D (-1793) (-)



#90

Hexachloroethane

Concen: 18.867 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008613.D

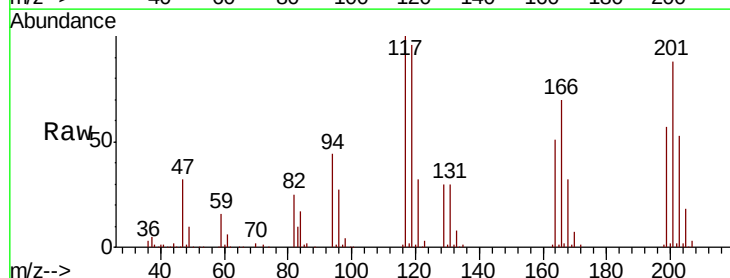
Acq: 03 Apr 2019 12:39

Tgt Ion: 117 Resp: 29192

Ion Ratio Lower Upper

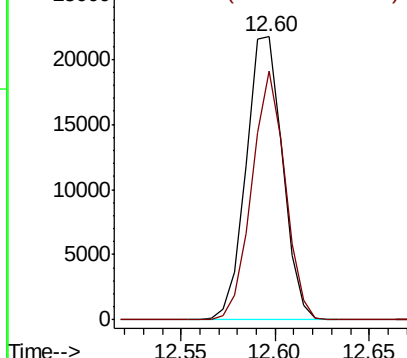
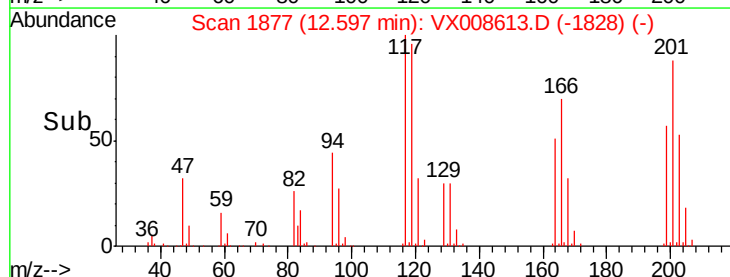
117 100

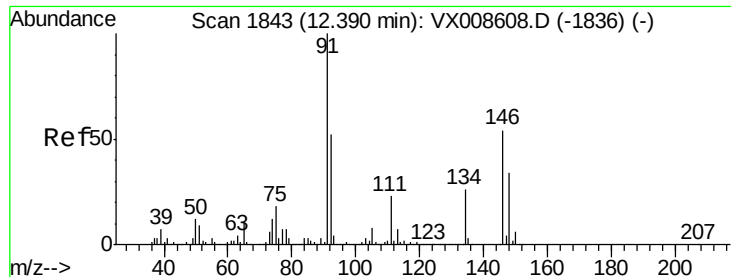
201 80.3 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): VX008613.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008613.D (-1828) (-)

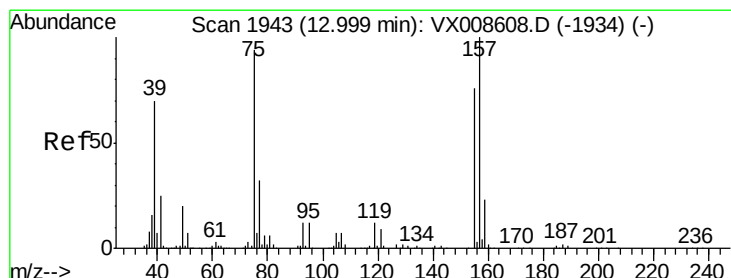
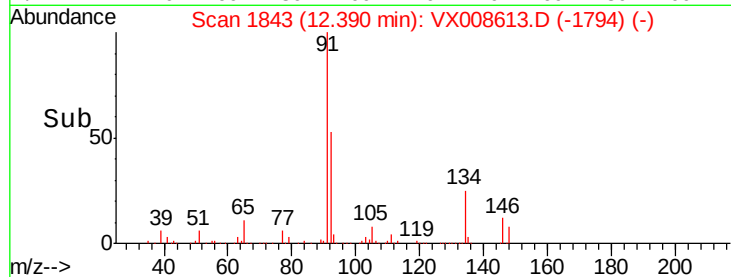
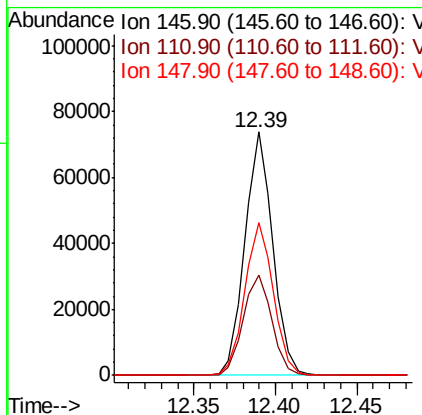
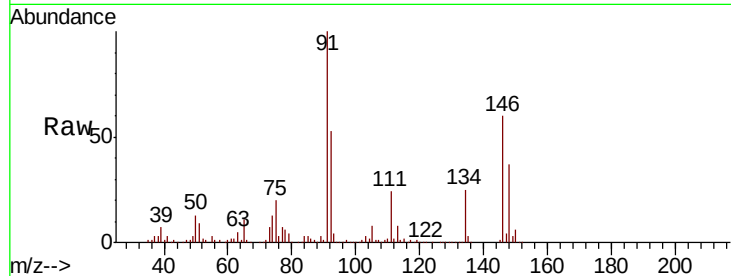




#91
 1,2-Dichlorobenzene
 Concen: 19.008 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

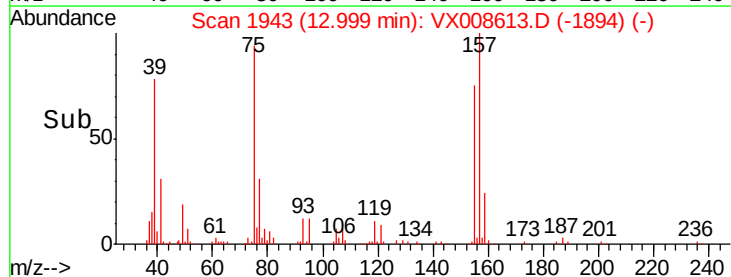
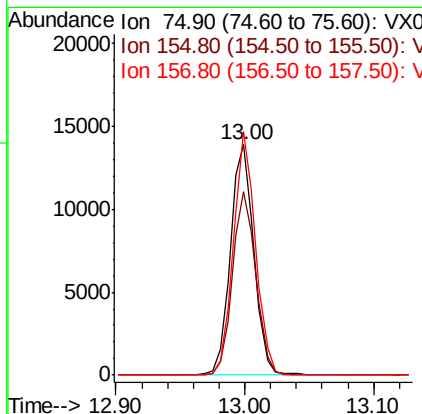
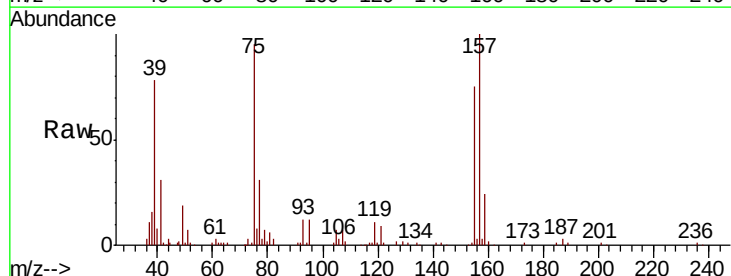
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

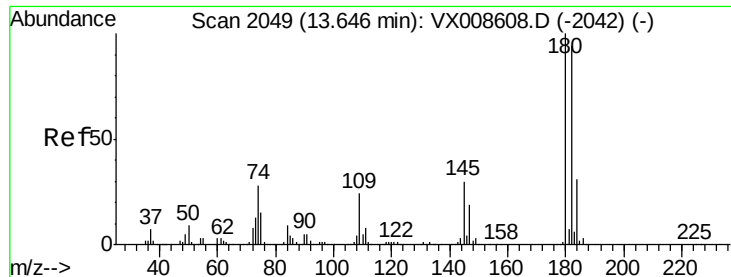
Tot Ion:146 Resp: 88008
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 64.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.591 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion: 75 Resp: 17759
 Ion Ratio Lower Upper
 75 100
 155 78.5 39.9 119.6
 157 98.9 51.5 154.7

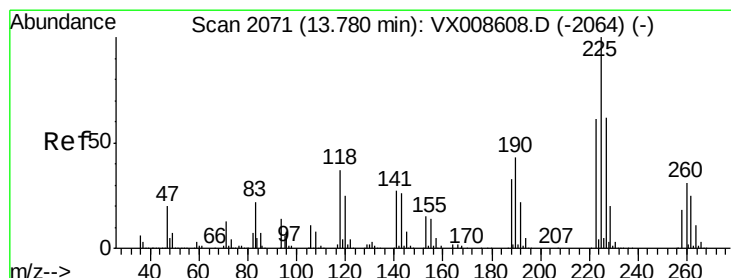
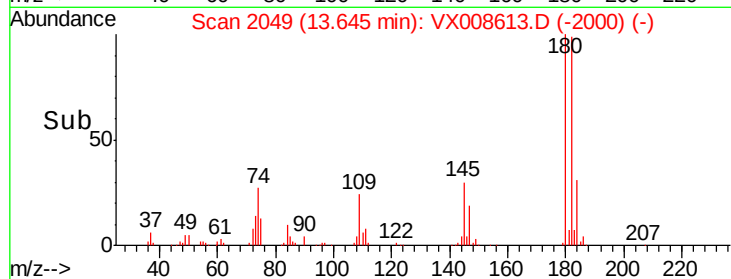
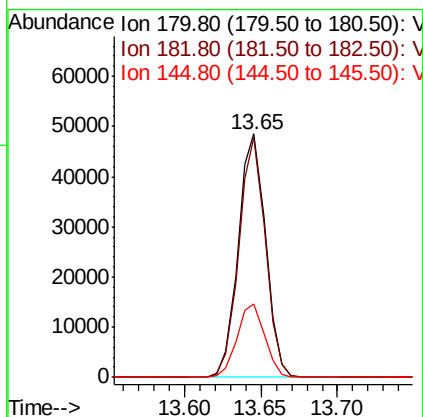
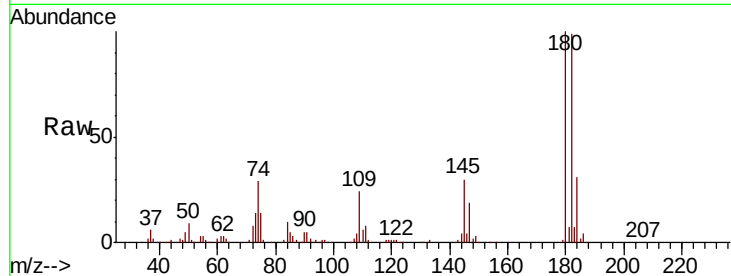




#93
 1,2,4-Trichlorobenzene
 Concen: 18.593 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

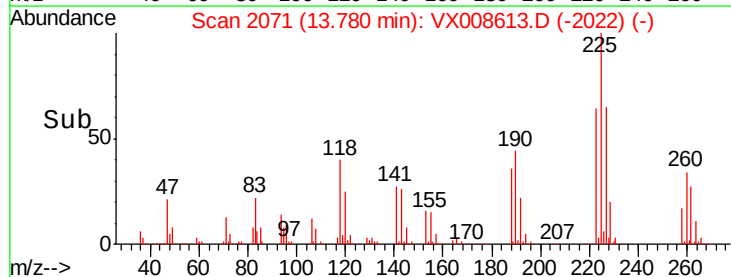
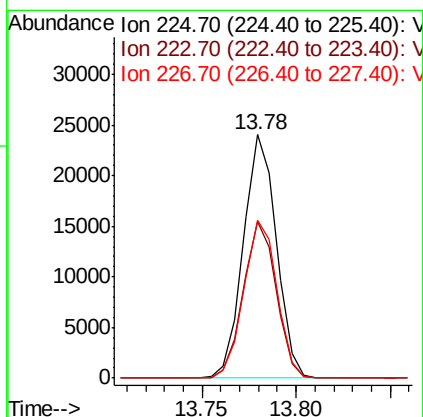
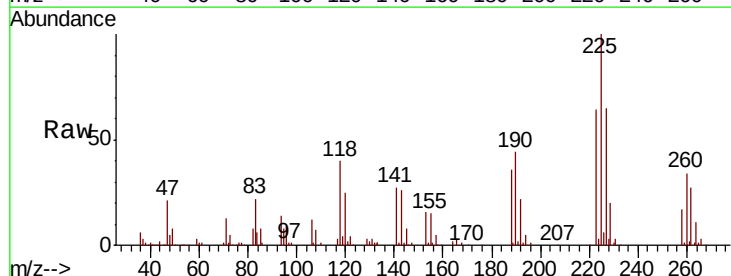
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

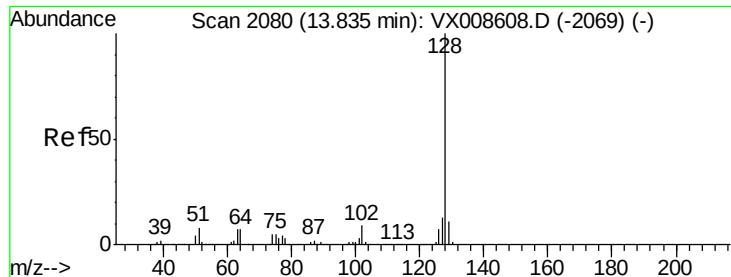
Tot Ion:180 Resp: 59853
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.2 141.6
 145 30.5 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 18.963 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008613.D
 Acq: 03 Apr 2019 12:39

Tgt Ion:225 Resp: 29276
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.2 93.6
 227 65.2 31.9 95.5

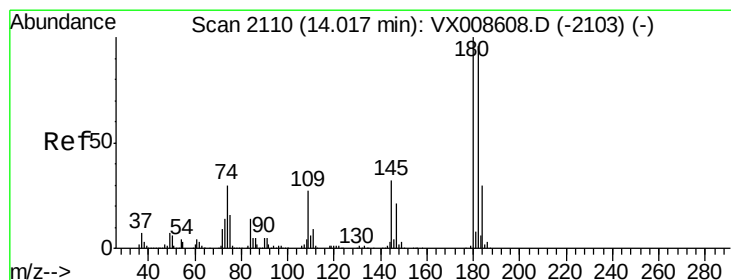
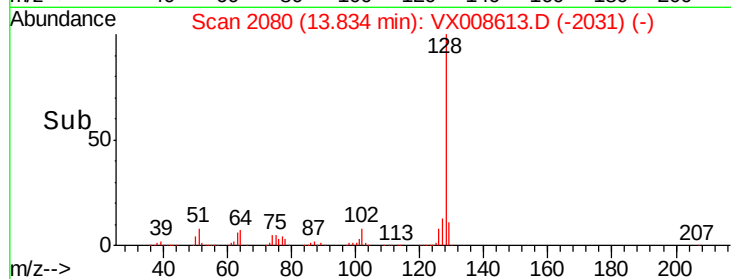
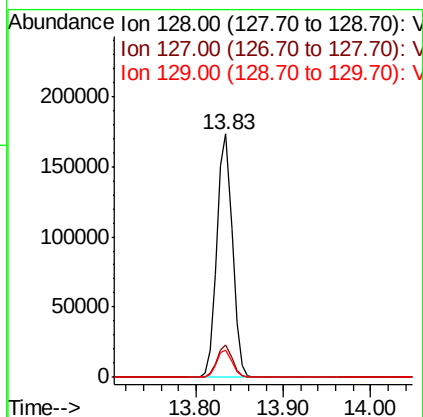
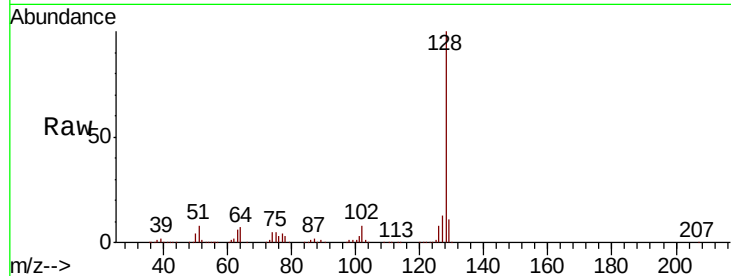




#95
Naphthalene
Concen: 19.596 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.968 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008613.D
Acq: 03 Apr 2019 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.3
145	31.9	16.3	48.8

